

## Utigo Technology Limited

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UTIGO  
TECHNOLOGY  
LIMITED  
[www.utigoflex.com](http://www.utigoflex.com)

# Company Introduction

Utigo Technology Ltd. was established in 2009 in Shenzhen, China, we are a professional manufacturer and exporter from China specialized in manufacturing various kinds of rubber hoses, PVC hoses, hydraulic hoses, air ducting and hose accessories.

We are qualified by the ISO9001 system, with a strong production capacity, high efficiency sales team and competitive price superiority, we attract the customers from all over the world and export the goods to over 40 countries.

After these years' development, we achieved great progress. In 2023 our turnover is USD12,400,000, the export amount reached USD 11,120,000; We have foreign sales staff of 12 people, domestic sales staff of 5 people. And there are 15 hoses extrusion lines in our workshop. we also have each 1 production line of the polyester fabric hose, silicone hose and clamped high temperature hose.

Our mission: to allow fluids to be transported without obstacles.

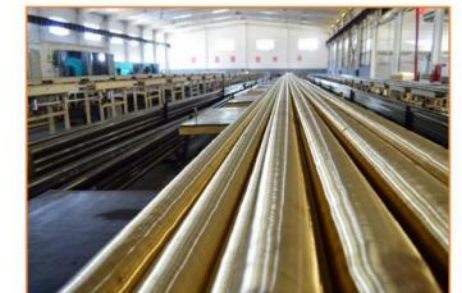
Our vision: to achieve a century-old fluid transmission brand.

Our values:

1. Customer first.
2. Grow together.
3. Be pragmatic.
4. Innovation.

Utigoflex - your one-stop fluid transmission solutions provider.

## Company



## Certification



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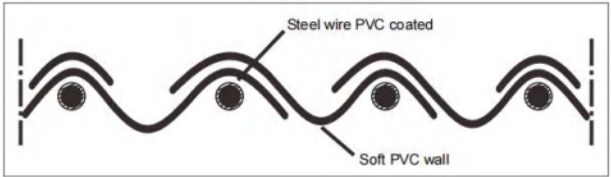
## PVC Steel Wire Helix Duct

**Application:**  
Especially ideal for ventilation, industrial vacuum cleaner, and granulate conveying systems.  
As suction and transport hose suitable for below substance:  
◆ Gaseous medias such as vapors and smoke.  
◆ Liquid medias.  
◆ Small granules such as dusts, powders and etc.

- Features:**
1. Highly flexible with low weight
  2. Extremely compressible
  3. Could be static electricity conductive by grounding the steel wire.
  4. Smooth interior
  5. Highly transparent wall
  6. Small bending radius
  7. Comply to RoHS
  8. Wall thickness varieties are available
  9. Different colors are available

**Material:**  
Wall: Soft PVC  
Spiral: Steel wire PVC coated

**Working temperature range:**  
-20°C to +70°C (Short time to 80°C)



| ID (mm) | OD (mm) | 0.4mm Wall Thickness                         |                     |                       | 0.6mm Wall Thickness                         |                     |                       | Length per piece (m) |
|---------|---------|----------------------------------------------|---------------------|-----------------------|----------------------------------------------|---------------------|-----------------------|----------------------|
|         |         | Smallest Bending Radius (from outer edge,mm) | Work Pressure (bar) | Vacuum Pressure (bar) | Smallest Bending Radius (from outer edge,mm) | Work Pressure (bar) | Vacuum Pressure (bar) |                      |
| 25      | 32      | 38                                           | 0.50                | 0.25                  | 38                                           | 0.70                | 0.45                  | 10                   |
| 32      | 38      | 46                                           | 0.45                | 0.19                  | 46                                           | 0.55                | 0.43                  | 10                   |
| 38      | 44      | 53                                           | 0.40                | 0.18                  | 53                                           | 0.50                | 0.40                  | 10                   |
| 40      | 46      | 55                                           | 0.40                | 0.17                  | 55                                           | 0.50                | 0.40                  | 10                   |
| 51      | 56      | 67                                           | 0.35                | 0.15                  | 67                                           | 0.45                | 0.30                  | 10                   |
| 60      | 65      | 78                                           | 0.35                | 0.14                  | 78                                           | 0.45                | 0.30                  | 10                   |
| 63      | 70      | 84                                           | 0.30                | 0.13                  | 84                                           | 0.40                | 0.30                  | 10                   |
| 76      | 84      | 89                                           | 0.30                | 0.12                  | 89                                           | 0.40                | 0.25                  | 10                   |
| 80      | 88      | 105                                          | 0.25                | 0.10                  | 105                                          | 0.30                | 0.25                  | 10                   |
| 90      | 98      | 118                                          | 0.23                | 0.09                  | 118                                          | 0.30                | 0.20                  | 10                   |
| 102     | 110     | 165                                          | 0.20                | 0.08                  | 165                                          | 0.30                | 0.20                  | 10                   |
| 127     | 135     | 202                                          | 0.15                | 0.06                  | 202                                          | 0.25                | 0.15                  | 10                   |
| 140     | 148     | 222                                          | 0.10                | 0.06                  | 222                                          | 0.20                | 0.13                  | 10                   |
| 152     | 160     | 240                                          | 0.08                | 0.05                  | 240                                          | 0.10                | 0.10                  | 10                   |
| 159     | 167     | 250                                          | 0.07                | 0.05                  | 250                                          | 0.10                | 0.09                  | 10                   |
| 178     | 186     | 279                                          | 0.06                | 0.04                  | 279                                          | 0.08                | 0.08                  | 10                   |
| 203     | 211     | 316                                          | 0.05                | 0.03                  | 316                                          | 0.06                | 0.08                  | 10                   |
| 254     | 263     | 394                                          | 0.04                | 0.03                  | 394                                          | 0.05                | 0.07                  | 10                   |
| 305     | 315     | 472                                          | 0.03                | 0.02                  | 472                                          | 0.04                | 0.06                  | 10                   |
| 406     | 418     | 627                                          | 0.03                | 0.01                  | 627                                          | 0.03                | 0.02                  | 10                   |

## Polyurethane Duct - 0.4/0.6/0.8/1.0/1.2/1.5mm Wall Thickness Available

### Application:

Ideally as suction and transport hose for abrasive solids such as dust, powders, wood chips, granulates, oil and fuel etc.  
Also very suitable for ventilation system and industrial vacuum cleaner.

### Features:

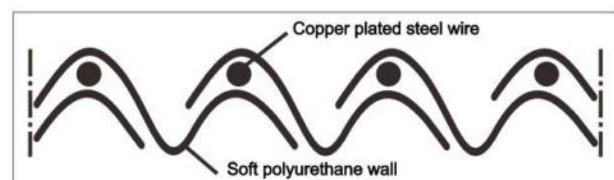
1. Very nice looking with transparent wall and copper plated steel wire.
2. Extremely abrasion-resistant.
3. High tensile and burst strength and tearing resistant.
4. Could be static electricity conductive by grounding the steel wire.
5. Resistant to oil and fuel.
6. Extremely flexible and compressible.
7. Small bending radius.
8. Free of plasticizer.
9. Free of halogen
10. Various colors are available.
11. Different wall thickness are available.
12. Comply to RoHS.
13. Anti static version, food grade version and microbe-resistant version are available.

### Material:

Wall: Top grade of ester base polyurethane.  
Spiral: Copper plated steel wire.

### Working temperature range:

-40°C to +90°C (Short time to 125°C)



| ID (mm) | OD (mm) | 0.4mm Wall Thickness                         |                     |                       | 0.6mm Wall Thickness                         |                     |                       | Length per piece (m) |
|---------|---------|----------------------------------------------|---------------------|-----------------------|----------------------------------------------|---------------------|-----------------------|----------------------|
|         |         | Smallest Bending Radius (from outer edge,mm) | Work Pressure (bar) | Vacuum Pressure (bar) | Smallest Bending Radius (from outer edge,mm) | Work Pressure (bar) | Vacuum Pressure (bar) |                      |
| 25      | 32      | 38                                           | 0.75                | 0.45                  | 38                                           | 1.60                | 0.45                  | 10                   |
| 32      | 39      | 47                                           | 0.70                | 0.40                  | 47                                           | 1.60                | 0.40                  | 10                   |
| 38      | 45      | 54                                           | 0.70                | 0.35                  | 54                                           | 1.60                | 0.40                  | 10                   |
| 40      | 47      | 56                                           | 0.65                | 0.35                  | 56                                           | 1.50                | 0.35                  | 10                   |
| 51      | 58      | 69                                           | 0.50                | 0.30                  | 69                                           | 1.40                | 0.30                  | 10                   |
| 60      | 68      | 81                                           | 0.50                | 0.25                  | 81                                           | 1.20                | 0.25                  | 10                   |
| 63      | 71      | 85                                           | 0.50                | 0.25                  | 85                                           | 1.20                | 0.25                  | 10                   |
| 70      | 79      | 94                                           | 0.45                | 0.22                  | 94                                           | 1.10                | 0.23                  | 10                   |
| 76      | 85      | 102                                          | 0.40                | 0.20                  | 102                                          | 1.00                | 0.23                  | 10                   |
| 80      | 89      | 107                                          | 0.40                | 0.15                  | 107                                          | 0.90                | 0.20                  | 10                   |
| 82      | 91      | 109                                          | 0.40                | 0.15                  | 109                                          | 0.90                | 0.20                  | 10                   |
| 90      | 99      | 119                                          | 0.35                | 0.14                  | 119                                          | 0.80                | 0.18                  | 10                   |
| 102     | 111     | 166                                          | 0.30                | 0.14                  | 166                                          | 0.75                | 0.15                  | 10                   |
| 115     | 124     | 186                                          | 0.28                | 0.13                  | 186                                          | 0.65                | 0.15                  | 10                   |
| 120     | 129     | 193                                          | 0.25                | 0.12                  | 193                                          | 0.55                | 0.15                  | 10                   |
| 127     | 136     | 204                                          | 0.25                | 0.10                  | 204                                          | 0.50                | 0.13                  | 10                   |
| 140     | 149     | 223                                          | 0.20                | 0.09                  | 223                                          | 0.40                | 0.13                  | 10                   |
| 152     | 161     | 241                                          | 0.15                | 0.08                  | 241                                          | 0.30                | 0.12                  | 10                   |
| 159     | 168     | 252                                          | 0.15                | 0.08                  | 252                                          | 0.25                | 0.12                  | 10                   |
| 178     | 187     | 280                                          | 0.12                | 0.06                  | 280                                          | 0.23                | 0.10                  | 10                   |
| 203     | 212     | 318                                          | 0.10                | 0.06                  | 318                                          | 0.22                | 0.09                  | 10                   |
| 254     | 263     | 394                                          | 0.06                | 0.04                  | 394                                          | 0.20                | 0.08                  | 10                   |
| 305     | 314     | 471                                          | 0.04                | 0.03                  | 471                                          | 0.15                | 0.06                  | 10                   |

## Polyurethane Duct with Blackf Strip

### Application:

Ideally as suction and transport hose for abrasive solids such as dust, powders, wood chips, granulates, oil and fuel etc.  
Also very suitable for ventilation system and industrial vacuum cleaner, Because of the reinforcement of the black strip, the duct is more wear-resistant and has longer service life than ordinary PU duct.

### Features:

1. Extremely abrasion-resistant.
2. High tensile and burst strength and tearing resistant.
3. Could be static electricity conductive by grounding the steel wire.
4. Resistant to oil and fuel.
5. Extremely flexible and compressible.
6. Small bending radius.
7. Free of plasticizer.
8. Free of halogen.
9. Various colors are available.
10. Different wall thickness are available.
11. Comply to RoHS.

### Material:

Wall: Top grade of ester base polyurethane with black strip.  
Spiral: Copper plated steel wire.

### Working temperature range:

-40°C to +90°C (Short time to 125°C)



| ID (mm) | OD (mm) | Wall Thickness (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Recommended operating limits |                       | Length per piece (m) |
|---------|---------|---------------------|--------------------------------------------------------|------------------------------|-----------------------|----------------------|
|         |         |                     |                                                        | Work Pressure (bar)          | Vacuum Pressure (bar) |                      |
| 25      | 32      | 0.6                 | 38                                                     | 1.60                         | 0.45                  | 10                   |
| 32      | 39      | 0.6                 | 47                                                     | 1.60                         | 0.40                  | 10                   |
| 38      | 45      | 0.6                 | 54                                                     | 1.60                         | 0.40                  | 10                   |
| 40      | 47      | 0.6                 | 56                                                     | 1.50                         | 0.35                  | 10                   |
| 51      | 58      | 0.6                 | 69                                                     | 1.40                         | 0.30                  | 10                   |
| 60      | 68      | 0.6                 | 81                                                     | 1.20                         | 0.25                  | 10                   |
| 63      | 71      | 0.6                 | 85                                                     | 1.20                         | 0.25                  | 10                   |
| 70      | 79      | 0.6                 | 94                                                     | 1.10                         | 0.23                  | 10                   |
| 76      | 85      | 0.6                 | 102                                                    | 1.00                         | 0.23                  | 10                   |
| 80      | 89      | 0.6                 | 107                                                    | 0.90                         | 0.20                  | 10                   |
| 82      | 91      | 0.6                 | 109                                                    | 0.90                         | 0.20                  | 10                   |
| 90      | 99      | 0.6                 | 119                                                    | 0.80                         | 0.18                  | 10                   |
| 102     | 111     | 0.6                 | 166                                                    | 0.75                         | 0.15                  | 10                   |
| 115     | 124     | 0.6                 | 186                                                    | 0.65                         | 0.15                  | 10                   |
| 120     | 129     | 0.6                 | 193                                                    | 0.55                         | 0.15                  | 10                   |
| 127     | 136     | 0.6                 | 204                                                    | 0.50                         | 0.13                  | 10                   |
| 140     | 149     | 0.6                 | 223                                                    | 0.40                         | 0.13                  | 10                   |
| 152     | 161     | 0.6                 | 241                                                    | 0.30                         | 0.12                  | 10                   |
| 159     | 168     | 0.6                 | 252                                                    | 0.25                         | 0.12                  | 10                   |
| 178     | 187     | 0.6                 | 280                                                    | 0.23                         | 0.10                  | 10                   |
| 203     | 212     | 0.6                 | 318                                                    | 0.22                         | 0.09                  | 10                   |
| 254     | 263     | 0.6                 | 394                                                    | 0.20                         | 0.08                  | 10                   |
| 305     | 314     | 0.6                 | 471                                                    | 0.15                         | 0.06                  | 10                   |

## Thermoplastic Elastomer (TPE) Duct – Resistant to 135°C

### Application:

As suction and transport hose especially ideally for:

1. High temperature industrial fumes, steam.
2. High temperature air or smoke in auto.
3. Other hot air in engine construction or drying machine.
4. Chemical air.
5. Cold air.

### Features:

1. Good performance on high temperature resistance up to 135 degree.
2. Good performance on low temperature lowest to 40 degree below zero.
3. Good resistance to chemical substances.
4. Could be static electricity conductive by grounding the steel wire.
5. Good resistance to UV.
6. Small bending radius.
7. Highly flexible compressible.
8. High tensile strength.
9. Rubber finishing.
10. Comply to RoHS.

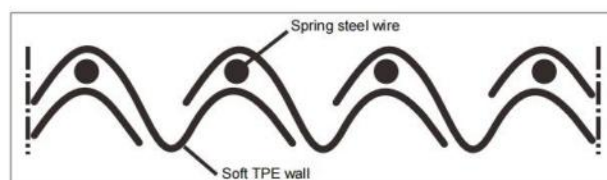
### Material:

Wall: Thermoplastic elastomer.

Spiral: Spring steel wire.

### Working temperature range:

-40°C to +135°C ( Short timeto 150°C )



| ID (mm) | OD (mm) | Wall Thickness (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Recommended operating limits |                       | Length per piece (m) |
|---------|---------|---------------------|--------------------------------------------------------|------------------------------|-----------------------|----------------------|
|         |         |                     |                                                        | Work Pressure (bar)          | Vacuum Pressure (bar) |                      |
| 25      | 32      | 0.6                 | 38                                                     | 0.55                         | 0.35                  | 10                   |
| 32      | 39      | 0.6                 | 46                                                     | 0.50                         | 0.32                  | 10                   |
| 38      | 45      | 0.6                 | 54                                                     | 0.45                         | 0.30                  | 10                   |
| 40      | 47      | 0.6                 | 56                                                     | 0.45                         | 0.30                  | 10                   |
| 51      | 58      | 0.6                 | 70                                                     | 0.43                         | 0.20                  | 10                   |
| 60      | 68      | 0.6                 | 82                                                     | 0.40                         | 0.15                  | 10                   |
| 63      | 72      | 0.6                 | 86                                                     | 0.40                         | 0.15                  | 10                   |
| 70      | 79      | 0.6                 | 95                                                     | 0.35                         | 0.12                  | 10                   |
| 76      | 85      | 0.6                 | 102                                                    | 0.32                         | 0.10                  | 10                   |
| 82      | 91      | 0.6                 | 109                                                    | 0.30                         | 0.10                  | 10                   |
| 89      | 99      | 0.6                 | 119                                                    | 0.25                         | 0.08                  | 10                   |
| 102     | 111     | 0.6                 | 166                                                    | 0.23                         | 0.06                  | 10                   |
| 115     | 124     | 0.6                 | 186                                                    | 0.20                         | 0.05                  | 10                   |
| 127     | 136     | 0.6                 | 204                                                    | 0.18                         | 0.04                  | 10                   |
| 140     | 149     | 0.6                 | 223                                                    | 0.16                         | 0.04                  | 10                   |
| 152     | 161     | 0.6                 | 242                                                    | 0.15                         | 0.04                  | 10                   |
| 159     | 168     | 0.6                 | 252                                                    | 0.13                         | 0.03                  | 10                   |
| 178     | 188     | 0.6                 | 282                                                    | 0.12                         | 0.03                  | 10                   |
| 203     | 212     | 0.6                 | 318                                                    | 0.10                         | 0.02                  | 10                   |
| 254     | 263     | 0.6                 | 395                                                    | 0.08                         | 0.02                  | 10                   |
| 305     | 314     | 0.6                 | 471                                                    | 0.06                         | 0.01                  | 10                   |
| 406     | 415     | 0.6                 | 622                                                    | 0.04                         | 0.01                  | 10                   |

## TPR Duct With Green Strip - Resistant to 135°C

### Application:

As suction and transport hose especially ideally for:

1. Suction of hot air and fumes in chemical plants and shipyards.
2. High temperature air or smoke in auto.
3. Other hot air in engine construction or drying machine.
4. Chemical air.
5. Cold air.
6. As the outer part of the steel wire is protected by the green strips, it makes the hose more wear-resistant and more durable than the ordinary TPR hose service life is obviously increased.

### Features:

1. Made in thermoplastic rubber with a steel spiral reinforcement embedded between the two layers.
2. The green strips on the wall make the hose more abrasion resistant.
3. Light and flexible.
4. Extremely resistant to high temperature, chemicals.
5. Could be static electricity conductive by grounding the steel wire.
6. Good resistance to UV.
7. High tensile strength.
8. Rubber finishing.
9. Comply to RoHS.

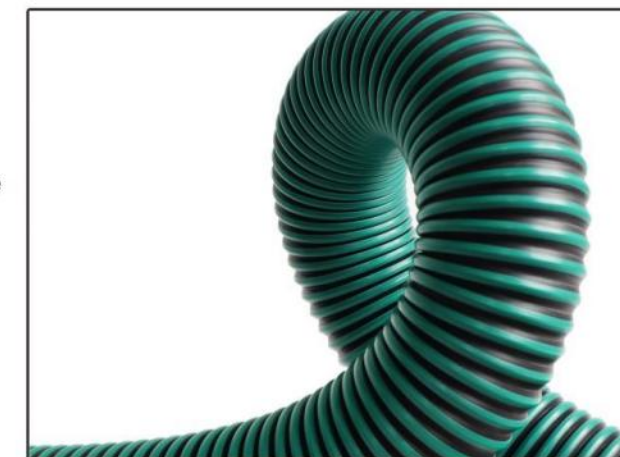
### Material:

Wall: Thermoplastic elastomer with green strip.

Spiral: Steel wire.

### Working temperature range:

-40°C to +135°C .



| ID (mm) | Min.wall thick. (mm) | Bending Radius (mm) | Vacuum Pressure (bar) | Weight (g/m) | Length per piece (m) |
|---------|----------------------|---------------------|-----------------------|--------------|----------------------|
| 38      | 0.5                  | 30                  | 0.20                  | 210          | 10                   |
| 40      | 0.5                  | 32                  | 0.20                  | 235          | 10                   |
| 45      | 0.5                  | 36                  | 0.20                  | 250          | 10                   |
| 51      | 0.5                  | 40                  | 0.20                  | 280          | 10                   |
| 55      | 0.5                  | 50                  | 0.17                  | 290          | 10                   |
| 60      | 0.5                  | 50                  | 0.17                  | 310          | 10                   |
| 63      | 0.6                  | 55                  | 0.17                  | 325          | 10                   |
| 65      | 0.6                  | 56                  | 0.17                  | 340          | 10                   |
| 70      | 0.6                  | 60                  | 0.17                  | 450          | 10                   |
| 76      | 0.6                  | 65                  | 0.17                  | 500          | 10                   |
| 80      | 0.6                  | 65                  | 0.16                  | 520          | 10                   |
| 90      | 0.6                  | 75                  | 0.16                  | 590          | 10                   |
| 102     | 0.6                  | 85                  | 0.13                  | 760          | 10                   |
| 110     | 0.6                  | 90                  | 0.12                  | 780          | 10                   |
| 120     | 0.6                  | 100                 | 0.10                  | 800          | 10                   |
| 127     | 0.6                  | 105                 | 0.10                  | 810          | 10                   |
| 130     | 0.6                  | 105                 | 0.08                  | 880          | 10                   |
| 140     | 0.6                  | 115                 | 0.08                  | 960          | 10                   |
| 152     | 0.6                  | 125                 | 0.07                  | 1150         | 10                   |
| 160     | 0.6                  | 130                 | 0.05                  | 1230         | 10                   |
| 180     | 0.6                  | 150                 | 0.04                  | 1400         | 10                   |
| 203     | 0.6                  | 165                 | 0.04                  | 1600         | 10                   |
| 228     | 0.65                 | 185                 | 0.04                  | 1700         | 10                   |
| 254     | 0.65                 | 210                 | 0.04                  | 2100         | 10                   |
| 265     | 0.65                 | 220                 | 0.04                  | 2250         | 10                   |
| 279     | 0.65                 | 230                 | 0.04                  | 2400         | 10                   |
| 305     | 0.65                 | 250                 | 0.03                  | 2500         | 10                   |
| 356     | 0.65                 | 300                 | 0.03                  | 2900         | 10                   |
| 406     | 0.65                 | 350                 | 0.03                  | 3400         | 10                   |

## Silicone Coated Glass Fiber Duct - Resistant to 260°C

### Application:

Suction hose, especially suitable:

1. For transmission hot air, chemical fumes and industrial fumes.
2. For printing machines, blowers.
3. For exhausting gas, engine construction, engine warming, aircraft construction and military construction.

### Features:

1. Double-layer of silicone coated glass fiber fabric.
2. Extremely good heat resistance.
3. Leak-proof.
4. Smooth interior.
5. Highly flexible.
6. Small bending radius.
7. Kink-proof.

### Material:

Wall: Silicone coated glass fiber fabric

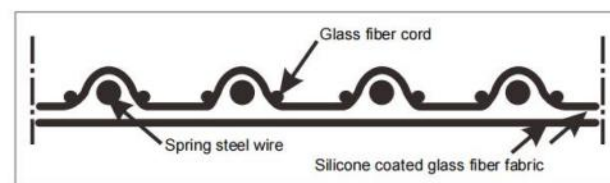
Spring: Spring steel wire

Reinforcement: Glass fiber cord

Delivery Variants: Wireless sleeves

### Working temperature range:

-70°C to +260°C, Short time to + 280°C .



| ID (mm) | OD (mm) | Wall Thickness (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Recommended operating limits |                       | Length per piece (m) |
|---------|---------|---------------------|--------------------------------------------------------|------------------------------|-----------------------|----------------------|
|         |         |                     |                                                        | Work Pressure (bar)          | Vacuum Pressure (bar) |                      |
| 25      | 29      | 0.4                 | 43                                                     | 2.7                          | 0.70                  | 4                    |
| 32      | 36      | 0.4                 | 54                                                     | 2.7                          | 0.64                  | 4                    |
| 38      | 43      | 0.4                 | 64                                                     | 2.6                          | 0.60                  | 4                    |
| 51      | 56      | 0.4                 | 84                                                     | 2.5                          | 0.51                  | 4                    |
| 63      | 68      | 0.4                 | 102                                                    | 2.3                          | 0.46                  | 4                    |
| 76      | 81      | 0.4                 | 121                                                    | 2.1                          | 0.42                  | 4                    |
| 83      | 88      | 0.4                 | 132                                                    | 2.0                          | 0.40                  | 4                    |
| 89      | 94      | 0.4                 | 141                                                    | 2.0                          | 0.38                  | 4                    |
| 102     | 107     | 0.4                 | 160                                                    | 1.9                          | 0.35                  | 4                    |
| 114     | 120     | 0.4                 | 180                                                    | 1.6                          | 0.29                  | 4                    |
| 127     | 133     | 0.4                 | 199                                                    | 1.5                          | 0.26                  | 4                    |
| 152     | 158     | 0.4                 | 237                                                    | 1.3                          | 0.18                  | 4                    |
| 165     | 172     | 0.4                 | 258                                                    | 1.2                          | 0.15                  | 4                    |
| 178     | 184     | 0.4                 | 276                                                    | 1.0                          | 0.13                  | 4                    |
| 203     | 209     | 0.4                 | 313                                                    | 0.8                          | 0.10                  | 4                    |
| 254     | 260     | 0.4                 | 390                                                    | 0.6                          | 0.08                  | 4                    |
| 305     | 311     | 0.4                 | 466                                                    | 0.5                          | 0.07                  | 4                    |

## Ventilation Duct - Resistant to 80°C

### Application:

As ventilation duct ideal for:

1. Widely used in these working environment such as airport, tunnel, basement, waste gas exhaust out.
2. Air conditioning and ventilation of fumes, light duty dust extraction and air movement.
3. As a flexible connection between grilles diffusers, fans and other air movement units.

### Features:

1. Highly flexible.
2. Flame retardant.
3. Could be compressible and easy to carry.
4. Oil, Acid & Alkali Resistant.
5. Very small bending radius.
6. Kink proof.
7. Polyester fabric coated with PVC is leakage resistant.
8. Steel wire spiral is abrasion resistant with strip cover.
9. Various colors are available.
10. Anti static version is available.

### Material:

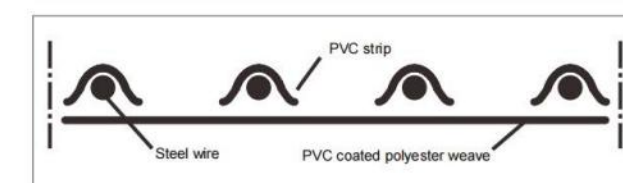
Wall: High density polyester weave coated PVC on both sides.

Spiral: Reinforced steel wire.

Exterior spiral cover: PVC strip.

### Working temperature range:

-20°C to +80°C .



| ID (mm) | Wall Thickness (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Pitch (mm) | Recommended operating limits |                       | Length per piece (m) |
|---------|---------------------|--------------------------------------------------------|------------|------------------------------|-----------------------|----------------------|
|         |                     |                                                        |            | Work Pressure (bar)          | Vacuum Pressure (bar) |                      |
| 100     | 0.35                | 153                                                    | 8          | 0.60                         | 0.080                 | 20                   |
| 125     | 0.35                | 190                                                    | 8          | 0.55                         | 0.060                 | 20                   |
| 150     | 0.35                | 228                                                    | 11         | 0.53                         | 0.050                 | 20                   |
| 159     | 0.35                | 238                                                    | 11         | 0.50                         | 0.046                 | 20                   |
| 178     | 0.35                | 267                                                    | 12         | 0.45                         | 0.043                 | 20                   |
| 200     | 0.35                | 304                                                    | 13         | 0.40                         | 0.040                 | 20                   |
| 250     | 0.35                | 381                                                    | 14         | 0.35                         | 0.035                 | 20                   |
| 300     | 0.35                | 457                                                    | 15         | 0.30                         | 0.030                 | 20                   |
| 350     | 0.35                | 534                                                    | 15         | 0.26                         | 0.026                 | 20                   |
| 400     | 0.35                | 609                                                    | 16         | 0.22                         | 0.023                 | 20                   |
| 450     | 0.35                | 685                                                    | 16         | 0.20                         | 0.020                 | 20                   |
| 500     | 0.35                | 762                                                    | 17         | 0.18                         | 0.020                 | 20                   |
| 600     | 0.35                | 915                                                    | 18         | 0.16                         | 0.016                 | 20                   |
| 700     | 0.35                | 1066                                                   | 19         | 0.15                         | 0.015                 | 20                   |
| 800     | 0.35                | 1218                                                   | 20         | 0.13                         | 0.010                 | 20                   |
| 1100    | 0.35                | 1677                                                   | 22         | 0.10                         | 0.008                 | 20                   |
| 1200    | 0.35                | 2050                                                   | 24         | 0.08                         | 0.005                 | 20                   |

## Tarpaulin Duct - Resistant to 100°C

### Application:

As suction and transport hose ideal for:

1. Air conditioning and ventilation of fumes, light duty dust extraction, and air movement.
2. As a flexible connection between grilles diffusers, fans and other air movement units.
3. Suction of engine exhaust gas.
4. Exhaust gas technique, engine construction, engine warming, aircraft construction and military construction.
5. For flue gas extraction, blast furnace exhaust and engine test bench.

### Features:

1. Flame retardant.
2. Vibration resistant.
3. Tearing resistant.
4. High tensile strength.
5. Minimum weight.
6. Highly flexible and compressible up to 10:1.
7. Very small bending radius.

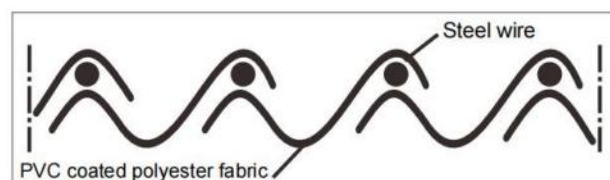
### Material:

Wall: PVC coated polyester fabric.

Spiral: Steel wire helix.

### Working temperature range:

-20°C to +100°C .



| ID (mm) | OD (mm) | Wall Thickness (mm) | Pitch (mm) | Helix Dia. (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Recommended operating limits |                       | Length per piece (m) |
|---------|---------|---------------------|------------|-----------------|--------------------------------------------------------|------------------------------|-----------------------|----------------------|
|         |         |                     |            |                 |                                                        | Work Pressure (bar)          | Vacuum Pressure (bar) |                      |
| 51      | 54      | 0.3                 | 25         | 1.0             | 54                                                     | 0.240                        | 0.145                 | 10                   |
| 63      | 66      | 0.3                 | 25         | 1.0             | 66                                                     | 0.195                        | 0.115                 | 10                   |
| 76      | 79      | 0.3                 | 30         | 1.0             | 79                                                     | 0.160                        | 0.080                 | 10                   |
| 80      | 83      | 0.3                 | 30         | 1.2             | 83                                                     | 0.150                        | 0.070                 | 10                   |
| 89      | 93      | 0.3                 | 30         | 1.2             | 93                                                     | 0.140                        | 0.060                 | 10                   |
| 102     | 105     | 0.3                 | 35         | 1.2             | 105                                                    | 0.120                        | 0.050                 | 10                   |
| 115     | 118     | 0.3                 | 35         | 1.2             | 118                                                    | 0.110                        | 0.045                 | 10                   |
| 127     | 130     | 0.3                 | 35         | 1.2             | 130                                                    | 0.100                        | 0.035                 | 10                   |
| 140     | 143     | 0.3                 | 35         | 1.2             | 143                                                    | 0.090                        | 0.035                 | 10                   |
| 152     | 155     | 0.3                 | 35         | 1.2             | 158                                                    | 0.080                        | 0.035                 | 10                   |
| 159     | 163     | 0.3                 | 35         | 1.5             | 166                                                    | 0.075                        | 0.025                 | 10                   |
| 178     | 183     | 0.3                 | 35         | 1.5             | 186                                                    | 0.070                        | 0.020                 | 10                   |
| 203     | 206     | 0.3                 | 35         | 1.5             | 209                                                    | 0.060                        | 0.020                 | 10                   |
| 254     | 258     | 0.3                 | 44         | 1.5             | 261                                                    | 0.050                        | 0.010                 | 10                   |
| 305     | 309     | 0.3                 | 51         | 1.5             | 312                                                    | 0.040                        | 0.005                 | 10                   |
| 356     | 360     | 0.3                 | 51         | 1.5             | 363                                                    | 0.035                        | 0.005                 | 10                   |
| 406     | 410     | 0.3                 | 51         | 1.5             | 413                                                    | 0.030                        | 0.005                 | 10                   |

## Clamped Polyester Fabric Duct - Resistant to 100°C

### Application:

Clamped polyester fabric duct especially suitable:

1. For extraction of high temperature air and cold air.
2. For solids such as dust, powder and fibers.
3. For gaseous media like vapors and smoke.
4. In dryer, automotive, aerospace, shipbuilding, military.
5. As bellows and compensator.

### Features:

1. Good resistance to high temperature.
2. Good resistance to chemical substance.
3. Highly flexible and compressible.
4. External steel spiral protects against abrasion.
5. Firm clamping structure.
6. Small bending radius.
7. Kink-proof.
8. Light weight.
9. Flame-retardant.

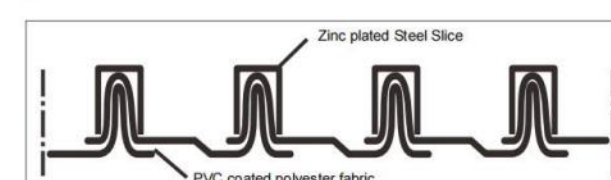
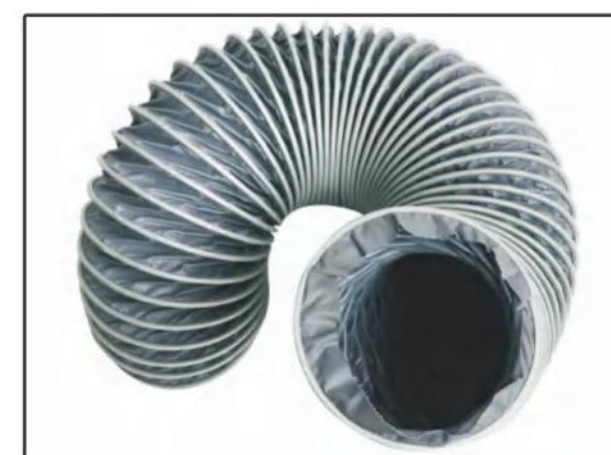
### Material:

Wall: PVC coated polyester fabric.

Clamp profile: Zinc plated steel slice.

### Working temperature range:

-20°C to +100°C .



| ID (mm) | Wall Thickness (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Recommended operating limits |                       | Length per piece (m) |
|---------|---------------------|--------------------------------------------------------|------------------------------|-----------------------|----------------------|
|         |                     |                                                        | Work Pressure (bar)          | Vacuum Pressure (bar) |                      |
| 51      | 0.32                | 76                                                     | 0.85                         | 0.350                 | 10                   |
| 63      | 0.32                | 94                                                     | 0.68                         | 0.290                 | 10                   |
| 76      | 0.32                | 114                                                    | 0.60                         | 0.250                 | 10                   |
| 82      | 0.32                | 123                                                    | 0.55                         | 0.200                 | 10                   |
| 102     | 0.32                | 153                                                    | 0.50                         | 0.150                 | 10                   |
| 127     | 0.32                | 190                                                    | 0.40                         | 0.100                 | 10                   |
| 152     | 0.32                | 228                                                    | 0.30                         | 0.060                 | 10                   |
| 159     | 0.32                | 238                                                    | 0.25                         | 0.050                 | 10                   |
| 178     | 0.32                | 267                                                    | 0.20                         | 0.040                 | 10                   |
| 203     | 0.32                | 304                                                    | 0.15                         | 0.030                 | 10                   |
| 228     | 0.32                | 342                                                    | 0.12                         | 0.025                 | 10                   |
| 254     | 0.32                | 381                                                    | 0.10                         | 0.020                 | 10                   |
| 279     | 0.32                | 418                                                    | 0.08                         | 0.018                 | 10                   |
| 305     | 0.32                | 457                                                    | 0.07                         | 0.012                 | 10                   |
| 356     | 0.32                | 534                                                    | 0.06                         | 0.010                 | 10                   |
| 381     | 0.32                | 571                                                    | 0.05                         | 0.010                 | 10                   |
| 406     | 0.32                | 609                                                    | 0.05                         | 0.010                 | 10                   |
| 457     | 0.32                | 685                                                    | 0.04                         | 0.010                 | 10                   |
| 482     | 0.32                | 723                                                    | 0.04                         | 0.010                 | 10                   |
| 508     | 0.32                | 762                                                    | 0.04                         | 0.010                 | 10                   |
| 533     | 0.32                | 799                                                    | 0.03                         | 0.008                 | 10                   |
| 558     | 0.32                | 837                                                    | 0.03                         | 0.006                 | 10                   |
| 584     | 0.32                | 876                                                    | 0.03                         | 0.006                 | 10                   |
| 610     | 0.32                | 915                                                    | 0.02                         | 0.005                 | 10                   |

## Clamped High Temperature Duct - Resistant to 400°C

### Application:

Clamped high temperature resistant duct, especially suitable:

1. For suction of high temperature air in engine exhaust in industry.
2. For high temperature gaseous media like vapors and smoke.
3. In dryer, automotive, aerospace, shipbuilding, military.
4. As bellows and compensator.

### Features:

1. Very good resistance to high temperature up to 400°C.
2. Highly flexible and compressible.
3. External galvanized steel helix protects against crushing.
4. Firm clamping structure.
5. Good performance on working pressure.
6. Good resistance to chemical substance.
7. Small bending radius.
8. Flame-retardant.
9. Kink-proof.
10. Light weight.

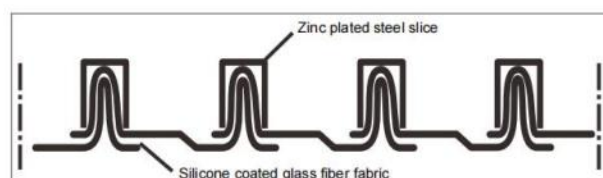
### Material:

Wall: Silicon coated glass fiber fabric.

Clamped profile: Zinc plated steel slice.

### Working temperature range:

-60°C to +400°C.



| ID (mm) | Wall Thickness (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Recommended operating limits |                       | Length per piece (m) |
|---------|---------------------|--------------------------------------------------------|------------------------------|-----------------------|----------------------|
|         |                     |                                                        | Work Pressure (bar)          | Vacuum Pressure (bar) |                      |
| 51      | 0.32                | 76                                                     | 0.850                        | 0.350                 | 10                   |
| 63      | 0.32                | 94                                                     | 0.680                        | 0.290                 | 10                   |
| 76      | 0.32                | 114                                                    | 0.470                        | 0.260                 | 10                   |
| 82      | 0.32                | 123                                                    | 0.430                        | 0.150                 | 10                   |
| 102     | 0.32                | 153                                                    | 0.300                        | 0.100                 | 10                   |
| 114     | 0.32                | 171                                                    | 0.250                        | 0.080                 | 10                   |
| 127     | 0.32                | 190                                                    | 0.210                        | 0.070                 | 10                   |
| 152     | 0.32                | 228                                                    | 0.157                        | 0.050                 | 10                   |
| 159     | 0.32                | 238                                                    | 0.140                        | 0.040                 | 10                   |
| 178     | 0.32                | 267                                                    | 0.117                        | 0.030                 | 10                   |
| 203     | 0.32                | 304                                                    | 0.099                        | 0.025                 | 10                   |
| 228     | 0.32                | 342                                                    | 0.084                        | 0.022                 | 10                   |
| 254     | 0.32                | 381                                                    | 0.065                        | 0.015                 | 10                   |
| 279     | 0.32                | 418                                                    | 0.060                        | 0.012                 | 10                   |
| 305     | 0.32                | 457                                                    | 0.055                        | 0.010                 | 10                   |
| 329     | 0.32                | 493                                                    | 0.046                        | 0.008                 | 10                   |
| 356     | 0.32                | 534                                                    | 0.040                        | 0.007                 | 10                   |
| 381     | 0.32                | 571                                                    | 0.036                        | 0.007                 | 10                   |
| 406     | 0.32                | 609                                                    | 0.033                        | 0.006                 | 10                   |
| 457     | 0.32                | 685                                                    | 0.028                        | 0.005                 | 10                   |
| 482     | 0.32                | 723                                                    | 0.025                        | 0.005                 | 10                   |
| 508     | 0.32                | 762                                                    | 0.023                        | 0.004                 | 10                   |
| 533     | 0.32                | 799                                                    | 0.020                        | 0.003                 | 10                   |
| 558     | 0.32                | 837                                                    | 0.017                        | 0.002                 | 10                   |
| 584     | 0.32                | 876                                                    | 0.014                        | 0.001                 | 10                   |
| 610     | 0.32                | 915                                                    | 0.010                        | 0.001                 | 10                   |

## Fume Exhaust Hose - Resistant to 150°C

### Application:

As special fume exhaust hose, especially suitable:

1. For suction of engine exhaust fume.
2. For high temperature air, smoke or fume transmission.
3. For suction and extraction air, dusts above and below floor.
4. For transmission of small solids, granulates, oil, fuel etc.

### Features:

1. Crush-proof.
2. Vibration resistant.
3. Good resistance to chemicals.
4. Flexible and compressible.
5. Smooth interior.
6. Reinforced fabric.
7. Gas and liquid tight.
8. Small bending radius.

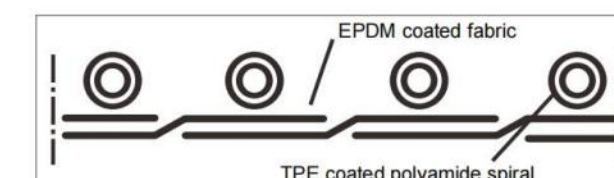
### Material:

Wall: EPDM coated fabric.

Spiral: TPE coated polyamide.

### Working temperature range:

-40°C to +150°C.



| ID (mm) | OD (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Vacuum Pressure (bar) | Length per piece (m) |
|---------|---------|--------------------------------------------------------|-----------------------|----------------------|
| 51      | 68      | 88                                                     | 0.50                  | 10                   |
| 63      | 80      | 104                                                    | 0.40                  | 10                   |
| 76      | 93      | 121                                                    | 0.30                  | 10                   |
| 89      | 106     | 159                                                    | 0.15                  | 10                   |
| 102     | 119     | 178                                                    | 0.10                  | 10                   |
| 114     | 131     | 196                                                    | 0.08                  | 10                   |
| 127     | 144     | 216                                                    | 0.06                  | 10                   |
| 152     | 169     | 254                                                    | 0.05                  | 10                   |
| 203     | 220     | 330                                                    | 0.04                  | 6                    |

## PVC Corrugated Suction Hose

### Application:

As suction and transport hose especially suitable for below substance:

1. Gaseous and liquid media.
2. Abrasive solids such as dusts, powders, chips and grains.
3. Also ideal as ventilation hose for air conditioning and ventilation system.

### Features:

1. Extremely tearing-resistant with rigid reinforced PVC helix.
2. Very smooth interior.
3. Flexible with low weight.
4. Extremely transparent.
5. High tensile strength.
6. Could be resistant to chemicals if requested.
7. Could be resistant to UV if requested.
8. Various sizes are available.
9. Comply to RoHS.

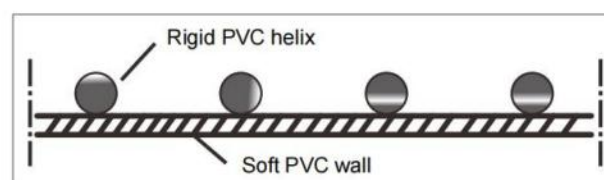
### Material:

Wall: Top grade of soft PVC.

Spiral: Rigid PVC.

### Working temperature range:

-20°C to +70°C (Short time to +80°C)



| ID (mm) | Wall Thickness (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Recommended operating limits |                       | Length per piece (m) |
|---------|---------------------|--------------------------------------------------------|------------------------------|-----------------------|----------------------|
|         |                     |                                                        | Work Pressure (bar)          | Vacuum Pressure (bar) |                      |
| 25      | 0.8                 | 35                                                     | 1.6                          | 0.50                  | 20                   |
| 32      | 0.8                 | 50                                                     | 1.5                          | 0.45                  | 20                   |
| 38      | 0.8                 | 55                                                     | 1.3                          | 0.40                  | 20                   |
| 51      | 0.8                 | 110                                                    | 1.2                          | 0.35                  | 20                   |
| 63      | 0.8                 | 163                                                    | 1.2                          | 0.30                  | 20                   |
| 76      | 0.8                 | 190                                                    | 1.1                          | 0.30                  | 20                   |
| 89      | 0.8                 | 220                                                    | 1.0                          | 0.25                  | 20                   |
| 102     | 0.8                 | 240                                                    | 1.0                          | 0.25                  | 20                   |
| 127     | 0.8                 | 400                                                    | 0.8                          | 0.20                  | 20                   |
| 152     | 0.8                 | 450                                                    | 0.6                          | 0.15                  | 20                   |
| 178     | 0.8                 | 500                                                    | 0.5                          | 0.15                  | 20                   |
| 203     | 0.8                 | 550                                                    | 0.4                          | 0.10                  | 20                   |

## Polyurethane Suction Hose - Light Duty

### Application:

As suction and transport hose especially suitable for below substance:

1. Gaseous and liquid media.
2. Abrasive solids such as dusts, powders, chips and grains.
3. Also ideal as ventilation hose for air conditioning and ventilation system.

### Features:

1. Extremely tearing-resistant with rigid reinforced PVC helix.
2. Very abrasive.
3. Very smooth interior.
4. Very Flexible with low weight.
5. Extremely transparent.
6. Could be resistant to UV if requested.
7. Various sizes are available.
8. Comply to RoHS.

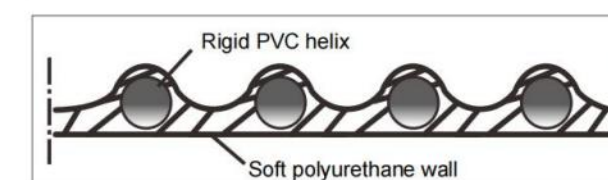
### Material:

Wall: Top grade of polyurethane.

Spiral: Rigid PVC.

### Working temperature range:

-40°C to +90°C (Short time to 125°C)



| ID (mm) | Wall Thickness (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Recommended operating limits |                       | Length per piece (m) |
|---------|---------------------|--------------------------------------------------------|------------------------------|-----------------------|----------------------|
|         |                     |                                                        | Work Pressure (bar)          | Vacuum Pressure (bar) |                      |
| 25      | 0.8                 | 40                                                     | 3.0                          | 0.90                  | 20                   |
| 32      | 0.8                 | 70                                                     | 2.5                          | 0.80                  | 20                   |
| 38      | 0.8                 | 80                                                     | 2.0                          | 0.60                  | 20                   |
| 51      | 0.8                 | 100                                                    | 1.8                          | 0.55                  | 20                   |
| 63      | 0.8                 | 130                                                    | 1.5                          | 0.50                  | 20                   |
| 76      | 0.8                 | 160                                                    | 1.5                          | 0.45                  | 20                   |
| 89      | 0.8                 | 210                                                    | 1.3                          | 0.40                  | 20                   |
| 102     | 0.8                 | 250                                                    | 1.2                          | 0.35                  | 20                   |
| 127     | 0.8                 | 320                                                    | 1.0                          | 0.30                  | 20                   |
| 152     | 0.8                 | 400                                                    | 0.8                          | 0.25                  | 20                   |
| 178     | 0.8                 | 480                                                    | 0.6                          | 0.20                  | 20                   |
| 203     | 0.8                 | 560                                                    | 0.5                          | 0.15                  | 20                   |

# Utigoflex Suction Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## Polyurethane Anti Static Suction Hose - Light Duty

### Application:

As anti static suction and transport hose ideally for below substance:

1. Explosive powders, granulates, dust, mineral sands.
2. Gas, oil and chemical liquids.
3. Abrasive solids such as dusts, powders, chips and grains.
4. Also suitable for industrial vacuum cleaners and granulate conveying systems.

### Features:

1. Anti-static by grounding the copper wire.
2. High tensile strength.
3. Tearing resistant with rigid PVC helix.
4. Very transparent wall.
5. Extremely smooth interior.
6. Comply to RoHS.

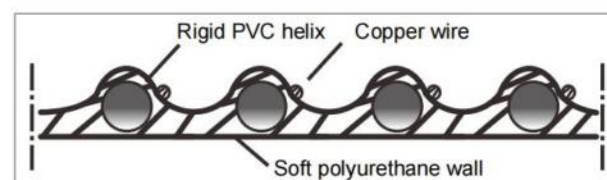
### Material:

wall: Top grade of polyurethane.

Spiral: Rigid PVC and copper wire.

### Working temperature range:

-40°C to +90°C ( Short time to 125°C ).



| ID (mm) | OD (mm) | Wall Thickness (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Recommended operating limits |                       | Length per piece (m) |
|---------|---------|---------------------|--------------------------------------------------------|------------------------------|-----------------------|----------------------|
|         |         |                     |                                                        | Work Pressure (bar)          | Vacuum Pressure (bar) |                      |
| 25      | 32      | 0.8                 | 60                                                     | 2.2                          | 0.50                  | 20                   |
| 32      | 37      | 0.8                 | 80                                                     | 2.0                          | 0.40                  | 20                   |
| 38      | 45      | 0.8                 | 100                                                    | 1.8                          | 0.35                  | 20                   |
| 51      | 59      | 0.8                 | 128                                                    | 1.6                          | 0.30                  | 20                   |
| 63      | 72      | 0.8                 | 158                                                    | 1.5                          | 0.25                  | 20                   |
| 76      | 87      | 0.8                 | 188                                                    | 1.3                          | 0.22                  | 20                   |
| 89      | 100     | 0.8                 | 230                                                    | 1.2                          | 0.20                  | 20                   |
| 102     | 112     | 0.8                 | 300                                                    | 1.0                          | 0.18                  | 20                   |
| 127     | 138     | 0.8                 | 400                                                    | 0.8                          | 0.15                  | 20                   |
| 152     | 164     | 0.8                 | 500                                                    | 0.6                          | 0.12                  | 20                   |
| 178     | 190     | 0.8                 | 600                                                    | 0.5                          | 0.12                  | 20                   |
| 203     | 215     | 0.8                 | 700                                                    | 0.3                          | 0.10                  | 20                   |

## PVC Grit Hose - Heavy Duty

### Application:

As suction and discharge hose very ideally for abrasive mineral sands, gravel, cement, powders, chips, shavings.

### Features:

1. Extremely abrasive resistant.
2. Extremely anti crush.
3. Inside surface perfectly smooth, outside corrugated.
4. Could be manufactured anti-static upon request.
5. High tensile strength and tear resistant.
6. Good resistance to oil and fuel.
7. Good resistance to UV and ozone.
8. Could be resistant to chemicals.
9. Comply to RoHS.

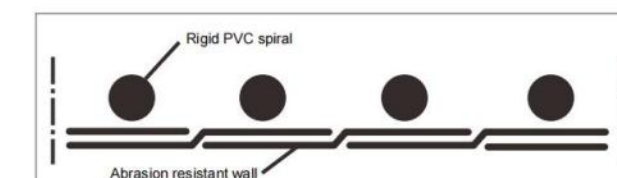
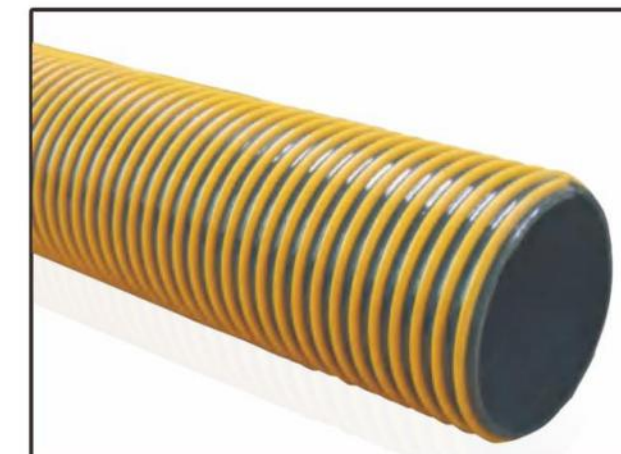
### Material:

Wall: Special abrasion resistant materials.

Spiral: Rigid PVC spiral.

### Working temperature range:

-20°C to +70°C (Short time to +80°C)



| ID (mm) | OD (mm) | Wall Thickness (mm) | Smallest Bending Radius (from outer edge of hose) (mm) | Recommended operating limits |                         | Length per piece (m) |
|---------|---------|---------------------|--------------------------------------------------------|------------------------------|-------------------------|----------------------|
|         |         |                     |                                                        | Work Pressure (bar)          | Bursting Pressure (bar) |                      |
| 38      | 52      | 2.7                 | 104                                                    | 7.0                          | 21.0                    | 20                   |
| 51      | 63      | 2.7                 | 160                                                    | 6.0                          | 19.0                    | 20                   |
| 63      | 76      | 3.0                 | 180                                                    | 5.5                          | 17.5                    | 20                   |
| 76      | 90      | 4.0                 | 210                                                    | 5.5                          | 17.5                    | 20                   |
| 102     | 117     | 5.0                 | 270                                                    | 5.0                          | 16.0                    | 20                   |
| 127     | 145     | 5.5                 | 350                                                    | 5.0                          | 16.0                    | 20                   |
| 152     | 170     | 5.5                 | 420                                                    | 4.5                          | 14.0                    | 20                   |
| 178     | 198     | 5.5                 | 450                                                    | 4.3                          | 13.5                    | 20                   |
| 203     | 225     | 6.0                 | 480                                                    | 4.0                          | 13.0                    | 20                   |

# Utigoflex Suction Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## Low Temperature PVC Suction Hose

### Application:

This hose is mainly used under extreme cold conditions, it is designed for pumps, rental and construction dewatering, water suction etc.

### Features:

1. Hose remains flexible in sub-zero temperature.
2. Smooth outer cover increases pressure rating.
3. Transparent construction is available to see the flow of the materials inside the hose.

### Material:

Wall: PVC

Helix: rigid PVC

### Working temperature range:

-40°C to +65°C



| ID (mm) | OD (mm) | Wall Thickness (mm) | Working Pressure |     | Vacuum mmHg(20°C) | Bending Radius (mm) | Length (m/roll) | Dimension D*H(cm) | Volume m³/roll |
|---------|---------|---------------------|------------------|-----|-------------------|---------------------|-----------------|-------------------|----------------|
|         |         |                     | bar              | psi |                   |                     |                 |                   |                |
| 19.0    | 25.0    | 3.0                 | 5.0              | 75  | 750               | 70                  | 50              | 60x20             | 0.072          |
| 25.4    | 31.4    | 3.0                 | 5.0              | 75  | 750               | 70                  | 50              | 60x25             | 0.090          |
| 31.7    | 37.7    | 3.0                 | 5.0              | 75  | 750               | 90                  | 50              | 70x30             | 0.147          |
| 38.1    | 45.1    | 3.5                 | 5.0              | 75  | 750               | 110                 | 50              | 80x30             | 0.192          |
| 50.8    | 58.8    | 4.0                 | 5.0              | 75  | 750               | 150                 | 50              | 100x25            | 0.250          |
| 63.5    | 72.5    | 4.5                 | 4.0              | 60  | 750               | 180                 | 50              | 115x35            | 0.463          |
| 76.2    | 86.2    | 5.0                 | 4.0              | 60  | 750               | 220                 | 50              | 135x40            | 0.730          |
| 101.6   | 103.6   | 6.0                 | 4.0              | 60  | 750               | 330                 | 50              | 200x35            | 1.400          |
| 127.0   | 141.0   | 7.0                 | 3.0              | 45  | 750               | 500                 | 50              | 230x42            | 2.220          |
| 152.4   | 168.4   | 8.0                 | 3.0              | 45  | 750               | 700                 | 30              | 230x35            | 1.850          |

# Utigoflex Suction Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## Smooth Surface PVC Spiral Hose

### Application:

This product is suitable for conveying system in the industry, agriculture, irrigation and civil engineering such as:

1. Suction and conveyance of powder and granule etc.
2. For transportation of chemicals.
3. Water and oil supplying system for plants and equipments.
4. Also suitable for food industry and health care industry.

### Features:

1. Very smooth inner wall and outer surface.
2. Reinforced with PVC helix.
3. Non-toxic and non-smell.
4. Good resistance to crushing, abrasion and most chemicals.
5. Superior resistance against inside and outside pressure.
6. Excellent corrosion-proof protection for cable conduit and piping.
7. Different colors are available.
8. Food grade available (FDA&REACH certification), please refer to page 41.

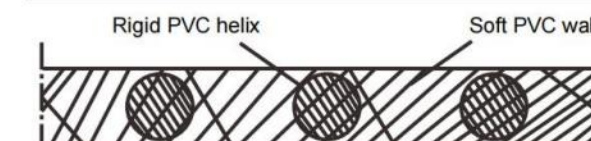
### Material:

Wall: soft pvc.

Helix: pvc.

### Working temperature range:

-20°C to +70°C



|               | ID (mm)     | OD (mm)     | Wall Thickness (mm) | Working Pressure (bar) | Vacuum mmHg(20°C) | Bending Radius (mm) | Length (m) | Dimension D*H(cm) | Volume m³/roll |
|---------------|-------------|-------------|---------------------|------------------------|-------------------|---------------------|------------|-------------------|----------------|
| Standard Duty | 19.0 ± 0.5  | 23.0 ± 0.5  | 2.0                 | 5.0                    | 750               | 70                  | 50         | 60x20             | 0.072          |
|               | 25.4 ± 0.5  | 29.4 ± 0.5  | 2.0                 | 5.0                    | 750               | 70                  | 50         | 60x25             | 0.090          |
|               | 31.7 ± 0.5  | 35.7 ± 0.5  | 2.0                 | 5.0                    | 750               | 90                  | 50         | 70x30             | 0.147          |
|               | 38.1 ± 0.5  | 44.1 ± 0.5  | 3.0                 | 5.0                    | 750               | 110                 | 50         | 80x30             | 0.192          |
|               | 50.8 ± 1.0  | 57.8 ± 1.0  | 3.5                 | 5.0                    | 750               | 150                 | 50         | 100x25            | 0.250          |
|               | 63.5 ± 1.0  | 70.5 ± 1.0  | 3.5                 | 4.0                    | 750               | 180                 | 50         | 115x35            | 0.463          |
|               | 76.2 ± 1.0  | 84.2 ± 1.0  | 4.0                 | 4.0                    | 750               | 220                 | 50         | 135x40            | 0.730          |
|               | 101.6 ± 1.5 | 111.6 ± 1.5 | 5.0                 | 4.0                    | 750               | 330                 | 50         | 200x35            | 1.400          |
|               | 127.0 ± 1.5 | 139.0 ± 1.5 | 6.0                 | 3.0                    | 750               | 500                 | 50         | 230x42            | 2.220          |
|               | 152.4 ± 1.5 | 166.4 ± 1.5 | 7.0                 | 3.0                    | 750               | 700                 | 30         | 230x35            | 1.850          |
|               | 203.2 ± 1.5 | 219.2 ± 1.5 | 8.0                 | 2.5                    | 750               | 1100                | 12         | 1200x230          | 0.640          |
|               | 254.0 ± 1.5 | 274.0 ± 1.5 | 10.0                | 2.5                    | 750               | 1400                | 12         | 1200x280          | 0.941          |
|               | 304.8 ± 1.5 | 324.8 ± 1.5 | 10.0                | 2.5                    | 750               | 1800                | 12         | 1200x330          | 1.310          |
|               | 355.6 ± 1.5 | 375.6 ± 1.5 | 10.0                | 2.5                    | 750               | 2200                | 12         | 1200x383          | 1.761          |
|               | 19.0 ± 0.5  | 25.0 ± 0.5  | 3.0                 | 5.0                    | 750               | 70                  | 50         | 60x20             | 0.072          |
| Heavy Duty    | 25.4 ± 0.5  | 31.4 ± 0.5  | 3.0                 | 5.0                    | 750               | 70                  | 50         | 60x25             | 0.090          |
|               | 31.7 ± 0.5  | 37.7 ± 0.5  | 3.0                 | 5.0                    | 750               | 90                  | 50         | 70x30             | 0.147          |
|               | 38.1 ± 0.5  | 45.1 ± 0.5  | 3.5                 | 5.0                    | 750               | 110                 | 50         | 80x30             | 0.192          |
|               | 50.8 ± 1.0  | 58.8 ± 1.0  | 4.0                 | 5.0                    | 750               | 150                 | 50         | 100x25            | 0.250          |
|               | 63.5 ± 1.0  | 72.5 ± 1.0  | 4.5                 | 4.0                    | 750               | 180                 | 50         | 115x35            | 0.463          |
|               | 76.2 ± 1.0  | 86.2 ± 1.0  | 5.0                 | 4.0                    | 750               | 220                 | 50         | 135x40            | 0.730          |
|               | 101.6 ± 1.5 | 103.6 ± 1.5 | 6.0                 | 4.0                    | 750               | 330                 | 50         | 200x35            | 1.400          |
|               | 127.0 ± 1.5 | 141.0 ± 1.5 | 7.0                 | 3.0                    | 750               | 500                 | 50         | 230x42            | 2.220          |
|               | 152.4 ± 1.5 | 168.4 ± 1.5 | 8.0                 | 3.0                    | 750               | 700                 | 30         | 230x35            | 1.850          |
|               | 203.2 ± 1.5 | 225.2 ± 1.5 | 11.0                | 2.5                    | 750               | 1100                | 12         | 1200x230          | 0.640          |
|               | 254.0 ± 1.5 | 278.0 ± 1.5 | 12.0                | 2.5                    | 750               | 1400                | 12         | 1200x280          | 0.941          |
|               | 304.8 ± 1.5 | 328.8 ± 1.5 | 12.0                | 2.5                    | 750               | 1800                | 12         | 1200x330          | 1.310          |
|               | 355.6 ± 1.5 | 379.6 ± 1.5 | 12.0                | 2.5                    | 750               | 2200                | 12         | 1200x383          | 1.761          |
|               | 19.0 ± 0.5  | 23.0 ± 0.5  | 2.0                 | 4.0                    | 750               | 70                  | 50         | 60x20             | 0.072          |
|               | 25.4 ± 0.5  | 29.4 ± 0.5  | 2.0                 | 4.0                    | 750               | 70                  | 50         | 60x25             | 0.090          |
| Light Duty    | 31.7 ± 0.5  | 35.7 ± 0.5  | 2.0                 | 4.0                    | 750               | 90                  | 50         | 70x28             | 0.137          |
|               | 38.1 ± 0.5  | 44.1 ± 0.5  | 3.0                 | 4.0                    | 750               | 110                 | 50         | 80x30             | 0.192          |
|               | 50.8 ± 1.0  | 56.8 ± 1.0  | 3.0                 | 4.0                    | 750               | 150                 | 50         | 100x24            | 0.240          |
|               | 63.5 ± 1.0  | 69.5 ± 1.0  | 3.0                 | 3.0                    | 750               | 180                 | 50         | 115x33            | 0.436          |
|               | 76.2 ± 1.0  | 83.2 ± 1.0  | 3.5                 | 3.0                    | 750               | 220                 | 50         | 135x38            | 0.693          |
|               | 101.6 ± 1.5 | 109.6 ± 1.5 | 4.0                 | 3.0                    | 750               | 330                 | 50         | 200x34            | 1.360          |

## Smooth Surface PVC Steel Wire Hose

### Application:

This product is suitable for drawing and conveying system in the industry, agriculture, irrigation and civil engineering such as:

1. Suction and conveyance of powder and granulate etc.
2. For transportation of chemicals.
3. Water and oil supplying system for plants and equipment.

### Features:

1. Very smooth inner wall and outer surface.
2. Reinforced with steel wire helix.
3. Good resistance to crushing, abrasion and most chemicals.
4. Superior resistance against inside and outside pressure.
5. Non-toxic and non-smell.
6. Anti-UV.
7. Food grade available (FDA&REACH certification), please refer to page 42.

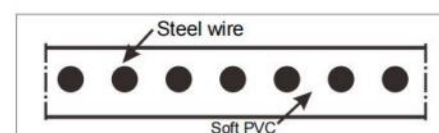
### Material:

Tube: PVC.

Helix: Steel wire.

### Working temperature range:

-20°C to +70°C



| ID (mm) | OD (mm) | Working Pressure |     | Bursting Pressure |     | Length(m/roll) | Weight Kg/roll | Volume m³ |
|---------|---------|------------------|-----|-------------------|-----|----------------|----------------|-----------|
|         |         | bar              | psi | bar               | psi |                |                |           |
| 6       | 11      | 11               | 160 | 33                | 479 | 100            | 10.00          | 0.028     |
| 8       | 14      | 11               | 160 | 33                | 479 | 100            | 15.50          | 0.039     |
| 9       | 14      | 10               | 145 | 30                | 435 | 100            | 13.50          | 0.027     |
| 10      | 15      | 10               | 145 | 30                | 435 | 100            | 14.70          | 0.041     |
| 9       | 15      | 11               | 160 | 33                | 479 | 100            | 17.00          | 0.029     |
| 10      | 16      | 11               | 160 | 33                | 479 | 100            | 18.40          | 0.045     |
| 12      | 17      | 9                | 131 | 30                | 435 | 100            | 17.10          | 0.044     |
| 12      | 18      | 10               | 145 | 30                | 435 | 100            | 21.20          | 0.049     |
| 15      | 22      | 10               | 145 | 30                | 435 | 100            | 30.50          | 0.074     |
| 15      | 21      | 9                | 131 | 30                | 435 | 100            | 25.40          | 0.074     |
| 16      | 20      | 8                | 116 | 20                | 290 | 100            | 17.00          | 0.061     |
| 16      | 23      | 9                | 131 | 30                | 435 | 100            | 32.10          | 0.063     |
| 19      | 26      | 10               | 145 | 30                | 435 | 50             | 18.55          | 0.052     |
| 19      | 25.5    | 8                | 116 | 20                | 290 | 50             | 17.05          | 0.050     |
| 20      | 26      | 8                | 116 | 20                | 290 | 50             | 16.25          | 0.050     |
| 20      | 24.5    | 8                | 116 | 20                | 290 | 50             | 11.80          | 0.050     |
| 22      | 30      | 8                | 116 | 20                | 290 | 50             | 24.50          | 0.065     |
| 22      | 27      | 8                | 116 | 20                | 290 | 50             | 14.40          | 0.058     |
| 25      | 33      | 10               | 145 | 25                | 363 | 50             | 27.30          | 0.085     |
| 25      | 29      | 7                | 102 | 20                | 290 | 50             | 12.70          | 0.065     |
| 25      | 30      | 7                | 102 | 20                | 290 | 50             | 16.20          | 0.069     |
| 25      | 32      | 7                | 102 | 20                | 290 | 50             | 23.50          | 0.078     |
| 32      | 41      | 7                | 102 | 20                | 290 | 40             | 30.96          | 0.106     |
| 32      | 36      | 5                | 73  | 19                | 276 | 50             | 16.00          | 0.124     |
| 32      | 38.6    | 5                | 73  | 19                | 276 | 50             | 27.45          | 0.133     |
| 32      | 41      | 6                | 87  | 20                | 290 | 50             | 38.70          | 0.152     |
| 32      | 41.6    | 6                | 87  | 20                | 290 | 50             | 44.10          | 0.130     |

| ID (mm) | OD (mm) | Working Pressure |     | Bursting Pressure |     | Length(m/roll) | Weight Kg/roll | Volume m³ |
|---------|---------|------------------|-----|-------------------|-----|----------------|----------------|-----------|
|         |         | bar              | psi | bar               | psi |                |                |           |
| 38      | 48      | 6                | 87  | 18                | 261 | 40             | 40.52          | 0.154     |
| 38      | 42.8    | 5                | 73  | 16                | 232 | 50             | 22.85          | 0.154     |
| 38      | 44      | 5                | 73  | 16                | 232 | 50             | 28.95          | 0.161     |
| 38      | 44.6    | 5                | 73  | 16                | 232 | 50             | 32.10          | 0.169     |
| 38      | 45.5    | 6                | 87  | 18                | 261 | 50             | 36.85          | 0.173     |
| 38      | 46.4    | 6                | 87  | 18                | 261 | 50             | 41.75          | 0.184     |
| 45      | 56      | 6                | 87  | 17                | 247 | 40             | 52.32          | 0.190     |
| 45      | 50      | 5                | 73  | 16                | 232 | 50             | 27.95          | 0.198     |
| 45      | 52      | 5                | 73  | 16                | 232 | 50             | 40.00          | 0.211     |
| 45      | 53      | 5                | 73  | 16                | 232 | 50             | 46.15          | 0.229     |
| 48      | 59      | 5                | 73  | 16                | 232 | 40             | 59.12          | 0.208     |
| 48      | 54.6    | 5                | 73  | 15                | 218 | 50             | 42.55          | 0.234     |
| 48      | 56.4    | 5                | 73  | 15                | 218 | 50             | 55.05          | 0.262     |
| 48      | 58      | 5                | 73  | 15                | 218 | 50             | 66.55          | 0.267     |
| 50      | 62      | 5                | 73  | 16                | 232 | 40             | 67.52          | 0.276     |
| 50      | 55.6    | 5                | 73  | 10                | 145 | 50             | 37.15          | 0.258     |
| 50      | 57.2    | 5                | 73  | 14                | 203 | 50             | 48.45          | 0.268     |
| 50      | 58.2    | 5                | 73  | 14                | 203 | 50             | 55.70          | 0.273     |
| 50      | 60      | 5                | 73  | 15                | 218 | 50             | 69.10          | 0.289     |
| 58      | 70      | 5                | 73  | 15                | 218 | 40             | 72.36          | 0.350     |
| 63      | 80      | 5                | 73  | 14                | 203 | 30             | 94.47          | 0.330     |
| 64      | 72.3    | 4                | 58  | 10                | 145 | 40             | 58.60          | 0.351     |
| 64      | 75      | 4                | 58  | 10                | 145 | 40             | 79.20          | 0.370     |
| 64      | 76      | 4                | 58  | 10                | 145 | 40             | 87.04          | 0.370     |
| 64      | 77      | 4                | 58  | 10                | 145 | 40             | 94.96          | 0.389     |
| 75      | 91      | 5                | 73  | 13                | 189 | 30             | 103.20         | 0.436     |
| 75      | 84      | 4                | 58  | 10                | 145 | 40             | 74.16          | 0.504     |
| 75      | 85      | 4                | 58  | 10                | 145 | 40             | 82.88          | 0.504     |
| 75      | 87      | 4                | 58  | 10                | 145 | 40             | 100.72         | 0.681     |
| 75      | 89      | 4                | 58  | 10                | 145 | 40             | 118.96         | 0.715     |
| 90      | 108     | 4                | 58  | 12                | 174 | 20             | 95.12          | 0.640     |
| 100     | 118     | 3                | 44  | 10                | 145 | 20             | 104.74         | 0.505     |
| 102     | 112     | 3                | 44  | 10                | 145 | 30             | 175.68         | 0.667     |
| 102     | 114     | 3                | 44  | 10                | 145 | 30             | 103.77         | 0.676     |
| 102     | 115     | 3                | 44  | 10                | 145 | 30             | 112.95         | 0.706     |
| 102     | 118     | 3                | 44  | 10                | 145 | 30             | 140.91         | 0.716     |
| 110     | 123     | 3                | 44  | 10                | 145 | 20             | 80.84          | 0.810     |
| 117     | 133     | 3                | 44  | 10                | 145 | 20             | 109.90         | 1.024     |
| 127     | 143     | 3                | 44  | 10                | 145 | 20             | 118.70         | 1.243     |
| 140     | 156     | 3                | 44  | 10                | 145 | 10             | 65.06          | 0.627     |
| 152     | 170     | 3                | 44  | 10                | 145 | 10             | 81.90          | 0.765     |
| 160     | 176     | 3                | 44  | 10                | 145 | 10             | 75.96          | 0.922     |
| 180     | 196     | 3                | 44  | 10                | 145 | 10             | 85.01          | 1.156     |
| 200     | 224     | 3                | 44  | 10                | 145 | 10             | 143.79         | 1.426     |

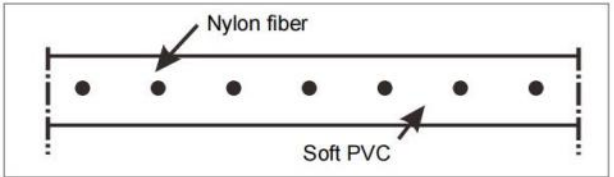
PVC Fiber Reinforced Hose

**Application:**  
This product is suitable for supplying water & draining for equipment, also used for usual pressure environment.

- Features:**
- 1. Very smooth inner wall and outer surface.
  - 2. Reinforced with polyester fiber.
  - 3. Good resistance to crushing, abrasion and most chemicals.
  - 4. Superior resistance against inside and outside pressure.
  - 5. Passed the ROHS test.
  - 6. Anti-UV.
  - 7. Food grade available( FDA&REACH certification),please refer to page 44.

**Material:**  
Wall: soft pvc.  
Helix:nylon fiber.

**Working temperature range:**  
-20°C to +70°C .



|            | ID (mm) | OD (mm) | Length (m/roll) | Recommended operating limits |                      | Weight (g/m) |
|------------|---------|---------|-----------------|------------------------------|----------------------|--------------|
|            |         |         |                 | Work Pressure (bar)          | Burst Pressure (bar) |              |
| Light Duty | 6       | 10      | 100             | 10.00                        | 40.00                | 65           |
|            | 8       | 12      | 100             | 10.00                        | 40.00                | 82           |
|            | 10      | 14      | 100             | 9.00                         | 35.00                | 98           |
|            | 12      | 16      | 50              | 7.00                         | 20.00                | 115          |
|            | 13      | 17      | 50              | 7.00                         | 20.00                | 125          |
|            | 16      | 20      | 50              | 6.00                         | 20.00                | 150          |
|            | 19      | 23      | 50              | 4.00                         | 12.00                | 170          |
|            | 20      | 24      | 50              | 4.00                         | 12.00                | 180          |
|            | 25      | 29      | 50              | 3.00                         | 10.00                | 220          |
|            | 32      | 38      | 40              | 3.00                         | 10.00                | 430          |
|            | 38      | 45      | 40              | 3.00                         | 10.00                | 590          |
|            | 45      | 55      | 30              | 3.00                         | 10.00                | 1020         |
|            | 50      | 59      | 30              | 3.00                         | 10.00                | 1100         |
|            | 5       | 10      | 100             | 12.00                        | 45.00                | 76           |
| Heavy Duty | 6       | 11      | 100             | 12.00                        | 45.00                | 87           |
|            | 8       | 13      | 100             | 12.00                        | 45.00                | 105          |
|            | 10      | 15      | 100             | 12.00                        | 40.00                | 130          |
|            | 12      | 18      | 100             | 10.00                        | 30.00                | 185          |
|            | 16      | 22      | 50              | 10.00                        | 30.00                | 230          |
|            | 19      | 25      | 50              | 10.00                        | 30.00                | 270          |
|            | 22      | 28      | 50              | 10.00                        | 30.00                | 305          |
|            | 25      | 31      | 50              | 10.00                        | 30.00                | 340          |
|            | 32      | 40      | 40              | 6.00                         | 18.00                | 590          |
|            | 38      | 46      | 40              | 6.00                         | 18.00                | 690          |
|            | 45      | 56      | 30              | 5.00                         | 15.00                | 1140         |
|            | 50      | 62      | 30              | 5.00                         | 15.00                | 1380         |
|            | 64      | 78      | 20              | 5.00                         | 15.00                | 2030         |
|            | 76      | 92      | 20              | 5.00                         | 15.00                | 2750         |

Layflat Discharge Hose - Light Duty

**Application:**  
As suction and discharge hose, very ideal for conveying liquid materials in industry, agriculture irrigation, mines, civilengineering and construction dewatering and submersible pumping etc.

- Features:**
- 1. Extremely flexible and light weight.
  - 2. Aging resistant.
  - 3. Abrasion resistant.
  - 4. Pressure resistant.
  - 5. Portable and with good adaptability.
  - 6. Could be made UV resistant upon request.

**Material:**  
Good quality PVC and high grade strength polyester yarn reinforcement.

**Working temperature range:**  
-5°C to +65°C .



| ID (mm) | OD (mm) | Length (m/roll) | Recommended operating limits |                      | Weight (g/m) |
|---------|---------|-----------------|------------------------------|----------------------|--------------|
|         |         |                 | Work Pressure (bar)          | Burst Pressure (bar) |              |
| 25      | 1.30    | 100             | 4                            | 15                   | 150          |
| 32      | 1.20    | 100             | 4                            | 15                   | 170          |
| 38      | 1.20    | 100             | 4                            | 15                   | 190          |
| 51      | 1.00    | 100             | 4                            | 12                   | 220          |
| 64      | 1.10    | 100             | 4                            | 12                   | 300          |
| 76      | 1.10    | 100             | 4                            | 12                   | 360          |
| 103     | 1.25    | 100             | 4                            | 12                   | 550          |
| 127     | 1.35    | 100             | 3                            | 10                   | 750          |
| 153     | 1.35    | 100             | 3                            | 9                    | 900          |
| 20      | 1.35    | 100             | 6                            | 21                   | 110          |
| 25      | 1.30    | 100             | 6                            | 21                   | 160          |
| 32      | 1.20    | 100             | 6                            | 21                   | 190          |
| 38      | 1.20    | 100             | 6                            | 21                   | 220          |
| 40      | 1.40    | 100             | 6                            | 18                   | 225          |
| 51      | 1.45    | 100             | 6                            | 18                   | 300          |
| 64      | 1.55    | 100             | 6                            | 18                   | 430          |
| 76      | 1.65    | 100             | 6                            | 18                   | 500          |
| 103     | 1.90    | 100             | 6                            | 18                   | 800          |
| 127     | 2.00    | 100             | 6                            | 18                   | 1080         |
| 153     | 2.40    | 100             | 6                            | 18                   | 1600         |

Layflat Discharge Hose - Heavy Duty

**Application:**  
As suction and discharge hose, very ideal for conveying liquid materials in industry, agriculture irrigation, mines, civilengineering and construction dewatering and submersible pumping etc.

**Features:**

- 1. Reinforced with specialized industrial polyester yarn.
- 2. Aging resistant.
- 3. Abrasion resistant.
- 4. High pressure resistant.
- 5. Portable and with good adaptability.
- 6. Could be made UV resistant upon request.

**Material:**  
Good quality PVC and high grade strength polyester yarn reinforcement.

**Working temperature range:**  
-5°C to +65°C .



|  ID (mm) |  OD (mm) |  Length (m/roll) | Recommended operating limits                                                                            |                                                                                                          | Weight (g/m) |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------|
|                                                                                             |                                                                                             |                                                                                                     |  Work Pressure (bar) |  Burst Pressure (bar) |              |
| 20                                                                                          | 1.55                                                                                        | 50                                                                                                  | 10                                                                                                      | 30                                                                                                       | 140          |
| 25                                                                                          | 1.80                                                                                        | 50                                                                                                  | 10                                                                                                      | 30                                                                                                       | 200          |
| 32                                                                                          | 1.50                                                                                        | 50                                                                                                  | 10                                                                                                      | 30                                                                                                       | 210          |
| 38                                                                                          | 1.70                                                                                        | 50                                                                                                  | 10                                                                                                      | 30                                                                                                       | 290          |
| 40                                                                                          | 1.90                                                                                        | 50                                                                                                  | 10                                                                                                      | 30                                                                                                       | 300          |
| 45                                                                                          | 2.00                                                                                        | 50                                                                                                  | 10                                                                                                      | 30                                                                                                       | 350          |
| 51                                                                                          | 1.55                                                                                        | 50                                                                                                  | 8                                                                                                       | 24                                                                                                       | 350          |
| 51                                                                                          | 1.80                                                                                        | 50                                                                                                  | 10                                                                                                      | 30                                                                                                       | 420          |
| 64                                                                                          | 1.90                                                                                        | 50                                                                                                  | 10                                                                                                      | 30                                                                                                       | 700          |
| 76                                                                                          | 2.00                                                                                        | 50                                                                                                  | 8                                                                                                       | 24                                                                                                       | 660          |
| 76                                                                                          | 2.55                                                                                        | 50                                                                                                  | 10                                                                                                      | 30                                                                                                       | 850          |
| 103                                                                                         | 2.25                                                                                        | 50                                                                                                  | 8                                                                                                       | 24                                                                                                       | 1000         |
| 103                                                                                         | 2.70                                                                                        | 50                                                                                                  | 10                                                                                                      | 30                                                                                                       | 1200         |
| 153                                                                                         | 3.00                                                                                        | 50                                                                                                  | 8                                                                                                       | 24                                                                                                       | 2000         |

Fuel Drop Hose

**Application:**  
This hose is mainly used for tank truck gravity drop fuel transmission.

**Features:**

- 1. Made of specialty rubber compounds to transfer gasoline, diesel, ethanol.
- 2. Durable construction with high tensile strength polyester yarn fabric reinforcement.
- 3. Grounding wire-durable multi-strand copper wire dissipates static electricity.
- 4. Static dissipating tube-specially formulated to help prevent the build-up of static electricity for added safety.
- 5. Lighter weight and greater flexibility than conventional rubber drop hose.
- 6. Easy slide and rigid clockwise helix design protects hose tube from cover wear.

**Material:**  
Wall: specially blended nitrile (NBR) rubber.  
Helix: rigid PVC helix and embedded grounding wire.

**Working temperature range:**  
-20°C to +65°C



|  ID (mm) |  OD (mm) | Working Pressure |     |  Bending Radius (mm) |  Length (m) | Weight kg/m |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------|-----|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------|
|                                                                                               |                                                                                               | bar              | psi |                                                                                                           |                                                                                                  |             |
| 50.8                                                                                          | 66                                                                                            | 5                | 75  | 5                                                                                                         | 30                                                                                               | 0.80        |
| 76                                                                                            | 93                                                                                            | 4                | 60  | 6                                                                                                         | 30                                                                                               | 1.24        |
| 102                                                                                           | 121                                                                                           | 4                | 60  | 6                                                                                                         | 30                                                                                               | 2.00        |

PVC Kink – Proof Suction Hose  
(PVC fibre Reinforced Suction Hose)

**Application:**  
This hose is widely used for fish suction, irrigation lines, pumps, rental and construction dewatering.  
Also for trash suction and discharge: heavy duty water suction etc.

- Features:**
- 1. Designed with high tensile strength polyester fibre to handle both suction and higher pressure discharge applications.
  - 2. Transparent construction allows to see the flow of the materials inside the hose.
  - 3. Rigid pvc helix design protects hose from external abrasion.
  - 4. Easy-to-handle.

**Material:**  
Tube: double-ply PVC.  
Reinforcement: polyester fibre.  
Helix: rigid PVC.

**Working temperature range:**  
-20°C to +65°C .



| ID<br>(mm) | OD<br>(mm) | Wall Thickness<br>(mm) | Working Pressure |     | Vacuum<br>mmHg(20°C) | Bending<br>Radius<br>(mm) | Lenght (m) | Weight<br>kg/m | Dimension<br>D*H(cm) | Volume<br>m³/roll |
|------------|------------|------------------------|------------------|-----|----------------------|---------------------------|------------|----------------|----------------------|-------------------|
|            |            |                        | bar              | psi |                      |                           |            |                |                      |                   |
| 38.1       | 48.1       | 5                      | 6.9              | 100 | 750                  | 20                        | 30         | 0.42           | 80x30                | 0.192             |
| 50.8       | 63.0       | 6                      | 6.9              | 100 | 750                  | 25                        | 30         | 1.10           | 100x25               | 0.250             |
| 64.0       | 78.0       | 7                      | 6.9              | 100 | 750                  | 30                        | 30         | 1.50           | 115x35               | 0.463             |
| 76.2       | 92.0       | 8                      | 6.2              | 90  | 750                  | 30                        | 30         | 1.80           | 135x40               | 0.729             |
| 101.6      | 121.0      | 9                      | 6.2              | 90  | 750                  | 40                        | 30         | 2.70           | 200x35               | 1.400             |
| 127.0      | 149.0      | 11                     | 4.1              | 60  | 750                  | 60                        | 30         | 3.50           | 220x35               | 1.690             |
| 152.4      | 174.0      | 11                     | 3.45             | 50  | 750                  | 75                        | 30         | 5.70           | 230x35               | 1.850             |
| 203.5      | 227.0      | 12                     | 3.45             | 50  | 750                  | 95                        | 12         | 8.00           | 1200x230             | 0.640             |

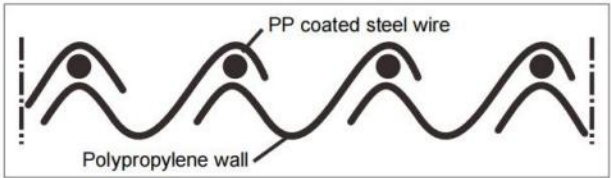
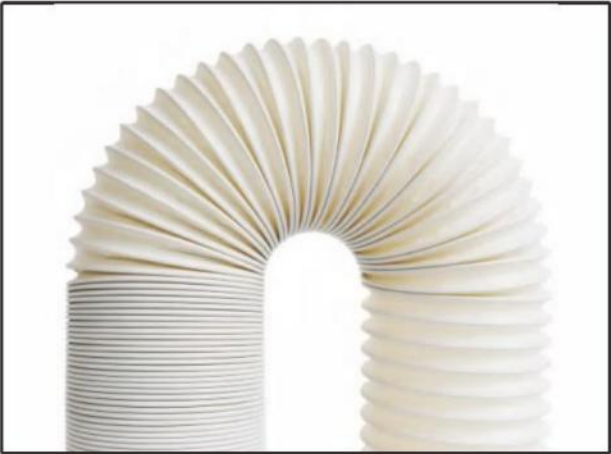
Polypropylene Drain Hose

**Application:**  
As water drain hose for sink, basin or bathtub etc.  
Ideal for use in portable air conditioning system.  
Could also be used for suction of gaseous media such as vapor and smoke, or be used in industrial vacuum system.

- Features:**
- 1. Highly flexible and compressible.
  - 2. With steel wire helix reinforcement.
  - 3. Tearing resistant.
  - 4. High tensile strength.
  - 5. Various of sizes are available.
  - 6. Different colors are available.
  - 7. Fittings and connectors are available.
  - 8. Comply to RoHS.

**Material:**  
Wall: High grade polypropylene.  
Spiral: Spring steel wire or PP coated steel wire.

**Working temperature range:**  
-20°C to +70°C .



| ID<br>(mm) | OD<br>(mm) | Wall Thickness<br>(mm) | Smallest Bending Radius<br>(from outer edge of hose)<br>(mm) | Recommended operating limits |                       | Length per piece<br>(m) |
|------------|------------|------------------------|--------------------------------------------------------------|------------------------------|-----------------------|-------------------------|
|            |            |                        |                                                              | Work Pressure (bar)          | Vacuum Pressure (bar) |                         |
| 25         | 32         | 0.6                    | 35                                                           | 0.70                         | 0.34                  | 10                      |
| 32         | 38         | 0.6                    | 42                                                           | 0.65                         | 0.32                  | 10                      |
| 38         | 46         | 0.6                    | 50                                                           | 0.58                         | 0.30                  | 10                      |
| 51         | 58         | 0.6                    | 65                                                           | 0.43                         | 0.24                  | 10                      |
| 63         | 73         | 0.6                    | 80                                                           | 0.35                         | 0.18                  | 10                      |
| 76         | 85         | 0.6                    | 93                                                           | 0.30                         | 0.13                  | 10                      |
| 90         | 100        | 0.6                    | 110                                                          | 0.25                         | 0.10                  | 10                      |
| 102        | 112        | 0.6                    | 122                                                          | 0.23                         | 0.08                  | 10                      |
| 127        | 137        | 0.6                    | 150                                                          | 0.18                         | 0.06                  | 10                      |
| 152        | 162        | 0.6                    | 178                                                          | 0.16                         | 0.05                  | 10                      |
| 203        | 213        | 0.6                    | 233                                                          | 0.12                         | 0.015                 | 10                      |

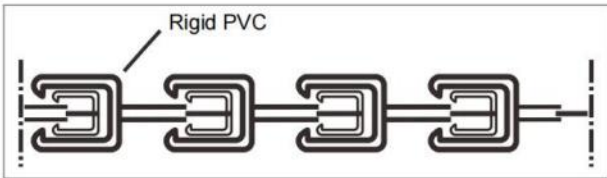
PVC Interlocked Hose

**Application:**  
This hose is suitable for use in portable air conditioning system, also ideal for extraction of smoke from the welding equipment.

- Features:**
- 1. Could be screwed to adjust internal and external diameter.
  - 2. Could be screwed to adjust on length.
  - 3. Protection against liquids.
  - 4. High tensile strength.
  - 5. For higher mechanical stress.
  - 6. Different sizes and color are available.
  - 7. Crush proof.
  - 8. Comply to RoHS.

**Material:**  
By 100% top grade of PVC.

**Working temperature range:**  
-20°C to +70°C .



| ID (mm) | OD (mm) | Smallest Bending Radius<br>(from outer edge of hose)<br>(mm) | Vacuum Pressure (bar) | Length per piece<br>(m) |
|---------|---------|--------------------------------------------------------------|-----------------------|-------------------------|
| 51      | 57      | 140                                                          | 0.60                  | 3                       |
| 63      | 70      | 160                                                          | 0.60                  | 3                       |
| 76      | 83      | 190                                                          | 0.60                  | 3                       |
| 89      | 95      | 211                                                          | 0.55                  | 3                       |
| 102     | 108     | 229                                                          | 0.50                  | 3                       |
| 127     | 133     | 280                                                          | 0.45                  | 3                       |
| 152     | 159     | 318                                                          | 0.40                  | 3                       |
| 203     | 210     | 432                                                          | 0.30                  | 3                       |

ANFO Explosive Loading Hose

A specially formulated anti-static thermoplastic tubing for the loading of ammonium nitrate/fuel oil blasting agents used in the mining and construction industries.

- Application:**
- 1. Bulk unloading of ammonium nitrate/fuel oil blasting agents in small diameter holes.
  - 2. Successfully used for years with Orica's blast hole chargers, intermediate loaders and the Penberthy Anoloader.
  - 3. Mining and construction site blasting

- Features:**
- 1. Conductivity-effectively limits build-up of static electricity; provides path for its safe dissipation to ground.
  - 2. Bleeds off static charges built up during pneumatic loading of Ammonium Nitrate/Fuel Oil mixtures.
  - 3. Sufficient resistance-wards blasting circuit against stray electrical currents.
  - 4. Wear resistance-smooth interior and exterior surfaces, combined with tough material formulation, provide good wear resistance.
  - 5. Self-extinguishing characteristics.
  - 6. Excellent flexibility - sufficiently flexible to handle easily, yet rigid enough to reach upwards into collars of steeply-inclined holes.
  - 7. Easily identifiable - co - extruded continuous orange stripe makes tubing visible in underground lighting.
  - 8. Packaged for ease of handling and shipping.

**Material:**  
Specially-formulated anti-static thermoplastic compound.

**Working temperature range:**  
-30°F(-35°C)to+150°F(+65°C)



| Inside Diameter |    | Approx. O.D. |    | Max.W.P. |      | Approx. Wt.<br>per 100 ft.<br>(lbs) | Approx. Wt.<br>per 100 m<br>(kg) | Length / Coil |    |
|-----------------|----|--------------|----|----------|------|-------------------------------------|----------------------------------|---------------|----|
| inch            | mm | inch         | mm | psi      | mpa  |                                     |                                  | ft            | m  |
| 5/8             | 16 | 55/64        | 22 | 120      | 0.83 | 17.5                                | 25                               | 200           | 61 |
| 3/4             | 19 | 1-1/16       | 27 | 120      | 0.83 | 28                                  | 40                               | 200           | 61 |
| 1               | 25 | 1-21/64      | 34 | 120      | 0.83 | 38                                  | 55                               | 300           | 91 |
| 1-1/4           | 32 | 1-5/8        | 41 | 120      | 0.83 | 55                                  | 78                               | 100           | 30 |

## Silicone Tubing

### Application:

Ideally used for water dispenser, fish tank, medical equipment, coffee machine, food and beverage, air and gas lines, chemical lines, laboratory and research, protective jacketing, water and fluid lines.

### Features:

1. Good resistance to high temperature and high pressure.
2. Good toughness, strong tensile and not easy to deform.
3. Strong winding/elastic silicone rich in good winding performance.
4. Excellent material selection, feels smooth, comfortable and soft, and has the advantages of good processing performance and easy molding.

### Material:

100% silicone

### Working temperature range:

-60 to +260°C



| Product Name    | Specifications | Gram weight | Product Name    | Specifications | Gram weight |
|-----------------|----------------|-------------|-----------------|----------------|-------------|
| Silicone tubing | 3*12           | 138         | Silicone tubing | 9*12           | 64          |
| Silicone tubing | 4*6            | 21          | Silicone tubing | 9*13           | 90          |
| Silicone tubing | 4*7            | 34          | Silicone tubing | 10*12          | 45          |
| Silicone tubing | 4*8            | 49          | Silicone tubing | 10*13          | 71          |
| Silicone tubing | 4*10           | 86          | Silicone tubing | 10*14          | 98          |
| Silicone tubing | 5*7            | 25          | Silicone tubing | 10*16          | 160         |
| Silicone tubing | 5*8            | 40          | Silicone tubing | 12*14          | 53          |

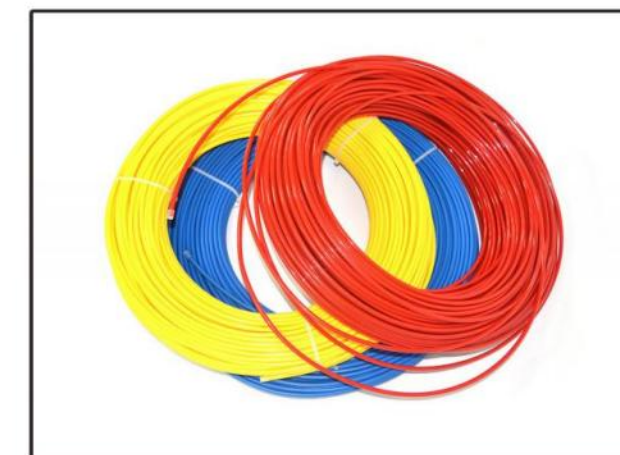
## PA11 / PA12 Nylon Tube

### Application:

It's applied in various industries such as air, water, chemicals, lubricating oil, instrument lines, irrigation control system, textile mill, food mill, vehicle and steamship, vacuum system, air conditioning system, car & truck air brake and hydraulic brake as well as oscillation insulator etc.

### Feature:

- Highly flexible, wear resistant, easy to bend and assemble.
- Smooth surface and low fluid resistance, preventing scaling.
- Chemically stable and resistant to a wide range of chemicals.
- Good stability in its tensile and bending property.
- It can be used as oscillating insulator due to its high resistance.
- High temperature resistance and excellent aging resistant.
- Inch sizes or other special sizes, can be customized on request.



| OD x Thickness (mm) | Working Pressure       | Burst Pressure (bar)   | Abrasive Resistance | Hardness | Tensile Strength | Bending Radius |
|---------------------|------------------------|------------------------|---------------------|----------|------------------|----------------|
| 14*1.5              | 2.0Mpa/cm <sup>2</sup> | 4.8Mpa/cm <sup>2</sup> | 42mg                | 55D±5    | 120KGF           | 80mm           |
| 12*1.5              | 2.6Mpa/cm <sup>2</sup> | 5.7Mpa/cm <sup>2</sup> | 42mg                | 55D±5    | 98KGF            | 67mm           |
| 10*1.25             | 2.6Mpa/cm <sup>2</sup> | 5.7Mpa/cm <sup>2</sup> | 42mg                | 55D±5    | 68KGF            | 60mm           |
| 10*1                | 2.0Mpa/cm <sup>2</sup> | 4.4Mpa/cm <sup>2</sup> | 42mg                | 55D±5    | 57KGF            | 62mm           |
| 8*1                 | 2.6Mpa/cm <sup>2</sup> | 5.7Mpa/cm <sup>2</sup> | 42mg                | 55D±5    | 40KGF            | 48mm           |
| 6*1                 | 2.8Mpa/cm <sup>2</sup> | 8.0Mpa/cm <sup>2</sup> | 42mg                | 55D±5    | 32KGF            | 37mm           |
| 5*1                 | 3.4Mpa/cm <sup>2</sup> | 10Mpa/cm <sup>2</sup>  | 42mg                | 55D±5    | 22KGF            | 25mm           |
| 4*0.75              | 3.2Mpa/cm <sup>2</sup> | 9.2Mpa/cm <sup>2</sup> | 42mg                | 55D±5    | 12KGF            | 18mm           |

# Utigoflex Suction Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## PA6 Clear Nylon Tube

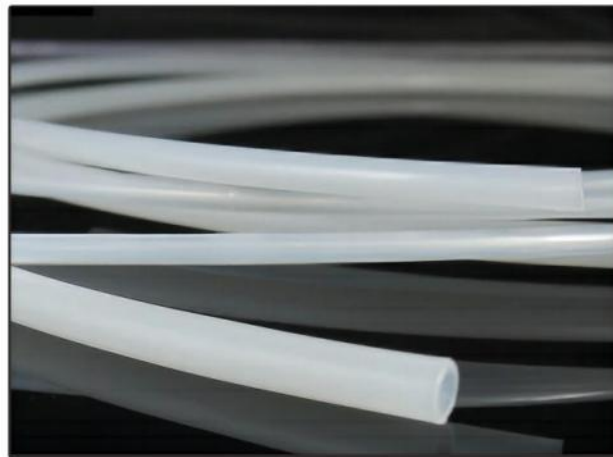
### Application:

Applicable to various pneumatic tools, pneumatic automation machinery, air compressors and various connected components.

Air conveying in industrial automation and braking systems. Chemicals and hydrocarbons conveying.

### Feature:

- Good mechanical strength, highly flexible, high tensile and crush resistant.
- Temperature range from -20°C to 120°C.
- Anti-alkali and resistant to most of saline solution, weak acid, gasoline and aromatic hydrocarbon etc.
- Smooth interior, small friction coefficient and abrasion resistant.



### Working temperature range:-

-20°C ~ +120°C.

| OD x Thickness (mm) | Working Pressure       | Burst Pressure (bar)   | Abrasive Resistance | Hardness | Tensile Strength | Bending Radius |
|---------------------|------------------------|------------------------|---------------------|----------|------------------|----------------|
| 14*1.5              | 2.2Mpa/cm <sup>2</sup> | 5.6Mpa/cm <sup>2</sup> | 40mg                | 80D±5    | 127KGF           | 80mm           |
| 12*1.5              | 3.2Mpa/cm <sup>2</sup> | 5.7Mpa/cm <sup>2</sup> | 40mg                | 80D±5    | 103KGF           | 67mm           |
| 10*1.25             | 2.8Mpa/cm <sup>2</sup> | 5.6Mpa/cm <sup>2</sup> | 40mg                | 80D±5    | 76KGF            | 60mm           |
| 10*1                | 2.7Mpa/cm <sup>2</sup> | 4.5Mpa/cm <sup>2</sup> | 40mg                | 80D±5    | 64KGF            | 62mm           |
| 8*1                 | 2.6Mpa/cm <sup>2</sup> | 5.7Mpa/cm <sup>2</sup> | 40mg                | 80D±5    | 45KGF            | 48mm           |
| 6*1                 | 3.2Mpa/cm <sup>2</sup> | 6.3Mpa/cm <sup>2</sup> | 40mg                | 80D±5    | 36KGF            | 37mm           |
| 5*1                 | 3.4Mpa/cm <sup>2</sup> | 6.5Mpa/cm <sup>2</sup> | 40mg                | 80D±5    | 24KGF            | 25mm           |
| 4*0.75              | 3.1Mpa/cm <sup>2</sup> | 5.5Mpa/cm <sup>2</sup> | 40mg                | 80D±5    | 15KGF            | 18mm           |

# Utigoflex High Pressure Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## PVC Garden Hose

### Application:

This hose is widely used for garden watering, household cleaning and car washing in the parks, factories, families or community.

### Features:

1. Resistant to high pressure, no leakage.
2. Good abrasion resistance, long working life.
3. Non-toxic, no odor.
4. Anti-UV.
5. Light weight and flexible, easy to coil.

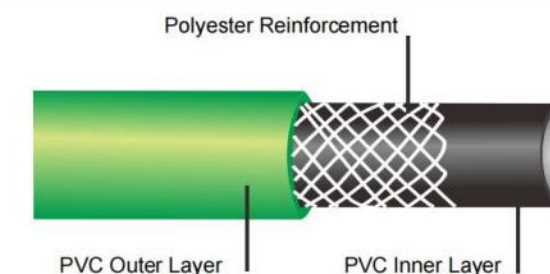
### Material:

Tube and Cover: PVC.

Reinforcement: High tensile polyester threads.

### Working temperature range:

-10°C to +65°C.



| ID (mm) | OD (mm) | Working Pressure |     | Bursting Pressure |       | Weight (Kg/roll) | Volume m <sup>3</sup> | Length(m/roll) |
|---------|---------|------------------|-----|-------------------|-------|------------------|-----------------------|----------------|
|         |         | bar              | psi | bar               | psi   |                  |                       |                |
| 10      | 14      | 8                | 116 | 24                | 348   | 5.05             | 0.016                 | 50             |
| 11      | 15      | 8                | 116 | 24                | 348   | 1.64             | 0.008                 | 15             |
| 12      | 15.4    | 6                | 87  | 18                | 261   | 0.74             | 0.004                 | 7.5            |
| 12      | 15.4    | 6                | 87  | 18                | 261   | 1.47             | 0.006                 | 15             |
| 12      | 15.4    | 6                | 87  | 18                | 261   | 1.96             | 0.010                 | 20             |
| 12      | 15.4    | 6                | 87  | 18                | 261   | 2.21             | 0.009                 | 22.5           |
| 12      | 15.4    | 6                | 87  | 18                | 261   | 2.94             | 0.009                 | 30             |
| 12      | 16      | 7                | 102 | 21                | 304.5 | 5.9              | 0.022                 | 50             |
| 12      | 16      | 7                | 102 | 21                | 304.5 | 10.74            | 0.033                 | 91             |
| 12      | 16      | 7                | 102 | 21                | 304.5 | 11.8             | 0.033                 | 100            |
| 15      | 20      | 6                | 87  | 20                | 290   | 9.2              | 0.026                 | 50             |
| 15      | 19      | 6                | 87  | 20                | 290   | 3.58             | 0.017                 | 25             |
| 15      | 19      | 6                | 87  | 20                | 290   | 4.29             | 0.016                 | 30             |
| 16      | 21      | 5                | 73  | 18                | 261   | 1.95             | 0.008                 | 10             |
| 16      | 21      | 5                | 73  | 18                | 261   | 5.85             | 0.022                 | 30             |
| 16      | 21      | 5                | 73  | 18                | 261   | 9.75             | 0.032                 | 50             |
| 19      | 23      | 5                | 73  | 15                | 217.5 | 3.54             | 0.018                 | 20             |
| 19      | 23      | 5                | 73  | 15                | 217.5 | 5.31             | 0.026                 | 30             |
| 19      | 23      | 5                | 73  | 15                | 217.5 | 8.85             | 0.045                 | 50             |
| 25      | 30      | 3                | 44  | 9                 | 130.5 | 14.45            | 0.060                 | 50             |

# High Pressure Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

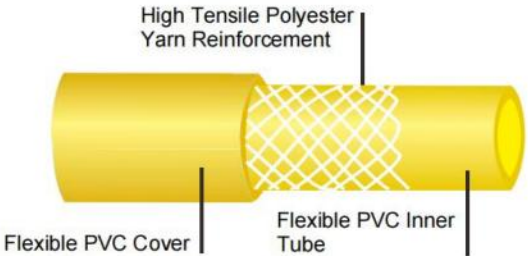
## Multi - Purpose PVC Air Hose - Matt Surface

**Application:**  
This hose is designed to use for pneumatic tools, air compressors, rock drill, automated air line, air supply, cleaning equipment, construction equipment and so on.

- Features:**
1. Resistant to oil mist, ozone, UV and weather.
  2. Flexible and non-kinking.
  3. Different colors in black, yellow, red etc. are available.

**Material:**  
Tube and Cover: Smooth and oil resistant TPR (NBR/PVC).  
Reinforcement: 1 ply or 2 ply polyester braiding.

**Working temperature range:**  
-30°C to +80°C



| ID (mm) | OD (mm) | Working Pressure |     | Bursting Pressure |     | Length(m/roll) | Weight (Kg/m) | Volume m³/roll |
|---------|---------|------------------|-----|-------------------|-----|----------------|---------------|----------------|
|         |         | bar              | psi | bar               | psi |                |               |                |
| 6       | 12      | 20               | 300 | 60                | 900 | 100            | 0.112         | 0.024          |
| 8       | 14      | 20               | 300 | 60                | 900 | 100            | 0.143         | 0.029          |
| 10      | 16      | 20               | 300 | 60                | 900 | 100            | 0.169         | 0.040          |
| 13      | 20      | 20               | 300 | 60                | 900 | 100            | 0.250         | 0.058          |
| 16      | 25      | 20               | 300 | 60                | 900 | 100            | 0.392         | 0.080          |
| 19      | 28      | 20               | 300 | 60                | 900 | 100            | 0.468         | 0.114          |
| 25      | 35      | 20               | 300 | 60                | 900 | 100            | 0.660         | 0.188          |

# High Pressure Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

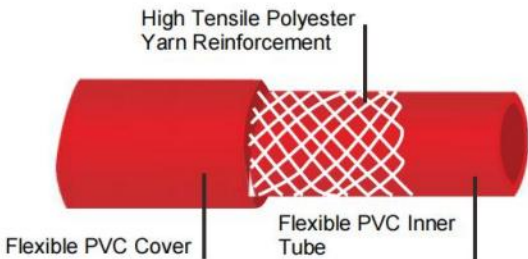
## Multi - Purpose PVC Air Hose - Shining Surface

**Application:**  
This hose is widely used in pneumatic tools, air compressors, automated air line, rock drill, air supply, construction equipment and cleaning equipment etc.

- Features:**
1. Resistant to ozone, UV and weather.
  2. Light, flexible, non-kinking and non-twisting.
  3. High tensile polyester reinforced.
  4. Work under high pressure 20 bar.
  5. Strong peeling adhesion between fibre and pvc.
  6. Can be used for jackhammer hose.
  7. Different colors in black, red, yellow, blue etc. are available.

**Material:**  
Tube: PVC.  
Reinforcement: 1 ply or 2 ply high tensile polyester braiding.  
Cover: PVC.

**Working temperature range:**  
-10°C to +65°C .



| ID (mm) | OD (mm) | Working Pressure |     | Bursting Pressure |     | Length(m/roll) | Weight (Kg/m) | Volume m³/roll |
|---------|---------|------------------|-----|-------------------|-----|----------------|---------------|----------------|
|         |         | bar              | psi | bar               | psi |                |               |                |
| 6.4     | 12      | 20               | 300 | 60                | 900 | 100            | 0.108         | 0.024          |
| 8       | 14      | 20               | 300 | 60                | 900 | 100            | 0.143         | 0.029          |
| 10      | 16      | 20               | 300 | 60                | 900 | 100            | 0.169         | 0.040          |
| 13      | 20      | 20               | 300 | 60                | 900 | 100            | 0.250         | 0.058          |
| 16      | 25      | 20               | 300 | 60                | 900 | 50             | 0.392         | 0.040          |
| 19      | 28      | 20               | 300 | 60                | 900 | 50             | 0.468         | 0.057          |
| 25      | 35      | 20               | 300 | 60                | 900 | 50             | 0.660         | 0.094          |
| 32      | 44      | 20               | 300 | 60                | 900 | 50             | 1.010         | 0.169          |
| 38      | 50      | 20               | 300 | 60                | 900 | 50             | 1.170         | 0.227          |
| 50      | 64      | 20               | 300 | 60                | 900 | 50             | 1.766         | 0.375          |

# High Pressure Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## PVC High Pressure Spray Hose

### Application:

This hose is widely used in high pressure washer, pneumatic tools and air compressors. It's also used in agriculture for spraying of pesticide, fertilizer solution or fungicide.

### Features:

1. Being durable by made of tough PVC materials.
2. Reinforced with high tensile polyester fibre.
3. Anti-erosion, anti-UV, anti-aging.
4. Light weight and flexible, non-kinking.

### Material:

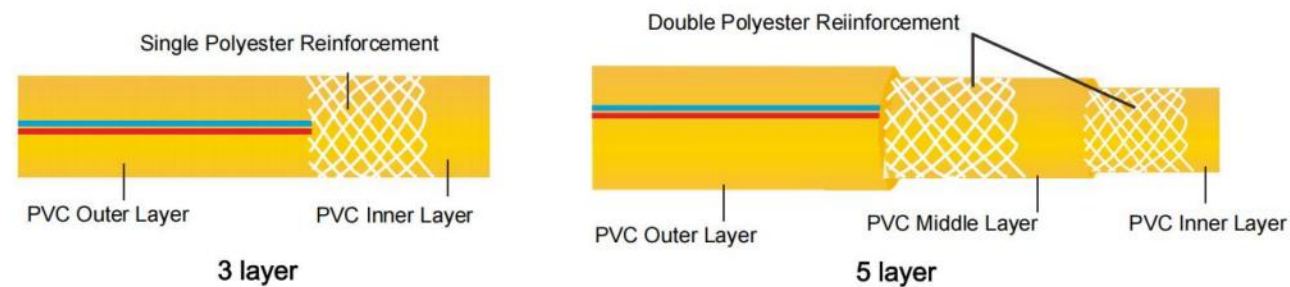
Tube: PVC.

Reinforcement: High tensile strength polyester fibre.

Cover: PVC.

### Working temperature range:

-10°C to +65°C.



|         | ID (mm) | OD (mm) | Working Pressure |     | Bursting Pressure |      | Length(m/roll) | Weight(Kg/m) | Volume m³ |
|---------|---------|---------|------------------|-----|-------------------|------|----------------|--------------|-----------|
|         |         |         | bar              | psi | bar               | psi  |                |              |           |
| 3 layer | 6.5     | 11.5    | 20               | 300 | 60                | 900  | 100            | 9.89         | 0.015     |
|         | 8       | 13      | 20               | 300 | 60                | 900  | 100            | 11.54        | 0.030     |
|         | 8       | 13.5    | 20               | 300 | 60                | 900  | 100            | 13.00        | 0.031     |
|         | 8.5     | 13.5    | 20               | 300 | 60                | 900  | 100            | 12.09        | 0.031     |
|         | 8       | 14      | 20               | 300 | 60                | 900  | 100            | 14.51        | 0.032     |
|         | 10      | 16      | 20               | 300 | 60                | 900  | 100            | 13.74        | 0.035     |
|         | 13      | 19      | 20               | 300 | 60                | 900  | 100            | 21.10        | 0.038     |
| 5 layer | 6.5     | 13.5    | 40               | 600 | 120               | 1800 | 100            | 11.26        | 0.017     |
|         | 8       | 15.5    | 40               | 600 | 120               | 1800 | 100            | 13.09        | 0.032     |
|         | 10      | 17      | 40               | 600 | 120               | 1800 | 100            | 17.27        | 0.040     |
|         | 12      | 20      | 40               | 600 | 120               | 1800 | 100            | 21.25        | 0.052     |

# High Pressure Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## PVC Welding Hose

### Application:

This hose is widely used in welding machine, architecture and lacquer factory.

### Features:

1. Good resistance to UV, ozone and weather.
2. Reinforced with high tensile polyester fibre.
3. Work under high pressure 20 - 40 bar.
4. Strong peeling adhesion between fibre and pvc.
5. Light, flexible, non-kinking and non-twisting.
6. Can be used for jackhammer hose.
7. Different colors in black, red, yellow, blue etc are available.

### Material:

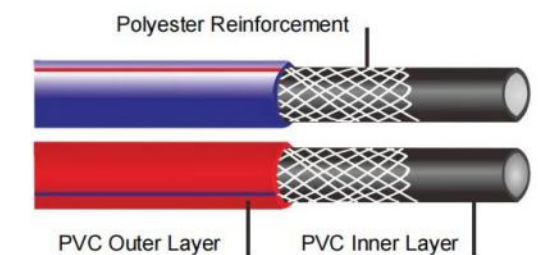
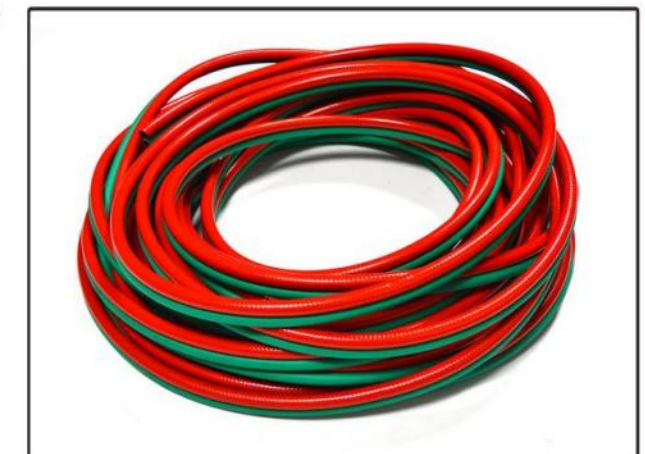
Tube: PVC.

Reinforcement: High tensile polyester braiding.

Cover: PVC.

### Working temperature range:

-10°C to +65°C



|                      | ID (mm) | OD (mm) | Working Pressure |     | Bursting Pressure |      | Length(m/roll) | Weight (kg/roll) | Volume m³/roll |
|----------------------|---------|---------|------------------|-----|-------------------|------|----------------|------------------|----------------|
|                      |         |         | bar              | psi | bar               | psi  |                |                  |                |
| 3 layer              | 6       | 12      | 20               | 300 | 60                | 900  | 100            | 23.74            | 0.050          |
|                      | 8       | 14      | 20               | 300 | 60                | 900  | 100            | 29.01            | 0.059          |
|                      | 10      | 16      | 20               | 300 | 60                | 900  | 100            | 34.29            | 0.068          |
| 5 layer              | 6       | 12      | 40               | 600 | 120               | 1800 | 100            | 23.91            | 0.055          |
|                      | 8       | 14      | 40               | 600 | 120               | 1800 | 100            | 29.22            | 0.064          |
|                      | 10      | 16      | 40               | 600 | 120               | 1800 | 100            | 34.53            | 0.075          |
| Fully cotton braided | 6       | 12      | 40               | 600 | 120               | 1800 | 100            | 23.00            | 0.051          |
|                      | 8       | 14      | 40               | 600 | 120               | 1800 | 100            | 26.40            | 0.060          |
|                      | 10      | 16      | 40               | 600 | 120               | 1800 | 100            | 33.00            | 0.070          |

# High Pressure Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## Fuel And Oil Delivery Hose

### Application:

This hose is ideally used for transmission of diesel, gasoline, lubricants and other mineral oils.

### Features:

1. Resistant to oil, abrasion, weather and ozone.
2. Anti-bending and less distortion.
3. Highly flexible and light weight.
4. Anti static version is available.
5. Different colors are available.

### Material:

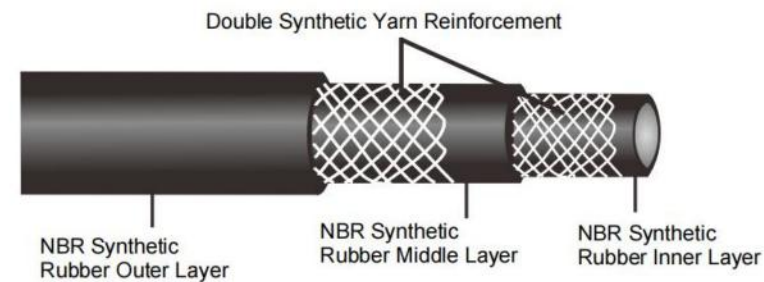
Tube: Black NBR synthetic rubber.

Reinforcement: High tensile synthetic yarn, single/double synthetic yarn braided or spiraled.

Cover compound: NBR synthetic rubber.

### Working temperature range:

-30°C to +80°C



| ID (mm) | OD (mm) | Working Pressure |     | Burst Pressure |     | Fiber layer (ply) | Weight(kg/m) | Length(m/roll) |
|---------|---------|------------------|-----|----------------|-----|-------------------|--------------|----------------|
|         |         | bar              | psi | bar            | psi |                   |              |                |
| 4.8     | 11.5    | 20               | 300 | 60             | 900 | 1                 | 0.15         | 100            |
| 6.4     | 16.0    | 20               | 300 | 60             | 900 | 1                 | 0.18         | 100            |
| 7.9     | 15.0    | 20               | 300 | 60             | 900 | 1                 | 0.22         | 100            |
| 9.5     | 19.1    | 20               | 300 | 60             | 900 | 1                 | 0.27         | 100            |
| 12.7    | 23.1    | 20               | 300 | 60             | 900 | 1                 | 0.40         | 100            |
| 15.9    | 24.5    | 20               | 300 | 60             | 900 | 1                 | 0.50         | 100            |
| 19.1    | 29.0    | 20               | 300 | 60             | 900 | 1                 | 0.75         | 100            |
| 19.1    | 30.0    | 20               | 300 | 60             | 900 | 2                 | 0.80         | 100            |
| 25.4    | 36.1    | 20               | 300 | 60             | 900 | 1                 | 0.95         | 100            |
| 25.4    | 36.1    | 20               | 300 | 60             | 900 | 2                 | 0.95         | 100            |
| 31.8    | 44.5    | 20               | 300 | 60             | 900 | 2                 | 0.70         | 50             |
| 38      | 54.0    | 20               | 300 | 60             | 900 | 2                 | 0.85         | 50             |

# High Pressure Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## PU Pneumatic Hose

### Application:

Ideally used for industrial automation, pneumatic tools, tube for water and fluids, vacuum tubes, protective sleeve for metal and electronic products. Also used for the piping of air concerned system.

### Features:

1. Excellent pressure resistance.
2. Good resistance to weather and corrosion.
3. Highly flexible.
4. Hardness: 95A-98A.
5. Fluid admitted: Air.

### Material:

Polyurethane

### Working temperature range:

-20°C to +70°C



|                                                                 | PU           | PU-S     | PU-M                                       | PU-ZR                  | PU-JD         | PU-UV            |
|-----------------------------------------------------------------|--------------|----------|--------------------------------------------|------------------------|---------------|------------------|
| Material                                                        | Polyurethane | Palmitin | Polyether                                  | Flame Retardant        | Anti - static | UV Anti - static |
| Fluid Admitted                                                  | Air          | Air      | Air Water                                  | Air                    | Air           | Air              |
| kgf/cm <sup>2</sup> /Service Pressure Range kgf/cm <sup>2</sup> | 0~10         | 0~8      | 0~8                                        | 0~8                    | 0~8           | 0~8              |
| Hardness                                                        | 95~98A       | 85~90A   | 85~95A                                     | 85~95A                 | 85~90A        | 85~90A           |
| Standard                                                        | ROHS         |          | Hydrolysis Resistance. Anti - Bacteria FDA | UL - 94 Standard V - 0 |               | Level 4          |
| Service Temperature                                             | -20°C~70°C   |          |                                            |                        |               |                  |

### Parameter:

| Item No | ID (mm) | OD (mm) | Length (m/roll) | Min bending radius at 20°C (mm) | Min working pressure at 20°C (kgf/cm <sup>2</sup> ) |
|---------|---------|---------|-----------------|---------------------------------|-----------------------------------------------------|
| PU-0320 | 2mm     | 3mm     | 200m            | 10mm                            | 0 ~ 10                                              |
| PU-0425 | 2.5mm   | 4mm     | 200m            | 10mm                            | 0 ~ 10                                              |
| PU-0640 | 4mm     | 6mm     | 200m            | 15mm                            | 0 ~ 10                                              |
| PU-0855 | 5.5mm   | 8mm     | 100m            | 20mm                            | 0 ~ 10                                              |
| PU-0850 | 5mm     | 8mm     | 100m            | 20mm                            | 0 ~ 10                                              |
| PU1065  | 6.5mm   | 10mm    | 100m            | 30mm                            | 0 ~ 10                                              |
| PU-1280 | 8mm     | 12mm    | 100m            | 35mm                            | 0 ~ 10                                              |
| PU-1410 | 10mm    | 14mm    | 100m            | 55mm                            | 0 ~ 10                                              |
| PU-1612 | 12mm    | 16mm    | 100m            | 65mm                            | 0 ~ 10                                              |
| PU-1/4  | 4.57mm  | 6.35mm  | 200m            | 15mm                            | 0 ~ 10                                              |
| PU-3/8  | 6.35mm  | 9.52mm  | 100m            | 30mm                            | 0 ~ 10                                              |
| PU-1/2  | 8.46mm  | 12.7mm  | 100m            | 35mm                            | 0 ~ 10                                              |

## PTFE Tubing

### Application:

- Semiconductor industry
- Pulp and paper industry
- Pharmaceutical industry
- Chemical processing
- Food processing
- Laboratory

### Feature:

- Low temperature and high temperature resistance(-180°C ~ +260°C)
- Corrosion and weather resistance
- High lubricity, no adhesion
- Non-toxic
- Non-flammable
- Acid and alkali resistance (except molten alkali metals)
- Antioxidant

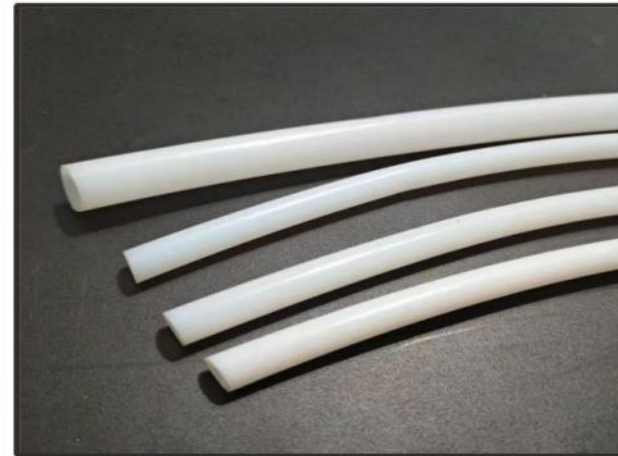
**Material:** PTFE

### Working temperature range:

-180°C ~ +260°C.

Parameter:

| Diameter (ID*OD) (mm) | Wall Thickness (mm) | Standard Length |
|-----------------------|---------------------|-----------------|
| 1*2/4                 | 0.5/1.5             | 100M a roll     |
| 2*3/4/5               | 0.5/1/1.5           | 100M a roll     |
| 3*4/5/6               | 0.5/1/1.5           | 100M a roll     |
| 4*6/8                 | 1/2                 | 100M a roll     |
| 5*6/7/8               | 0.5/1/1.5           | 100M a roll     |
| 6*7/8/9/10            | 0.5/1/1.5/2         | 100M a roll     |
| 7*9/10                | 1/1.5               | 100M a roll     |
| 8*10/12               | 1/2                 | 100M a roll     |
| 9*11/12               | 1/1.5               | 100M a roll     |
| 10*12/13/14           | 1/1.5/2             | 50M/100M a roll |
| 12*14/16              | 1/2                 | 50M/100M a roll |
| 13*15/16              | 1/1.5               | 50M/100M a roll |
| 15*17/18              | 1/1.5               | 50M/100M a roll |
| 16*18/19/20           | 1/1.5/2             | 50M/100M a roll |
| 17*19/20              | 1/1.5               | 50M/100M a roll |
| 19*21/22/23           | 1/1.5/2             | 50M/100M a roll |
| 20*22/24/25           | 1/2/2.5             | 50M/100M a roll |



## High-Pressurere Washing Hose

### Application:

The high-pressure washer hose is designed for household cleaning and commercial use, suitable for diesel engine or electric pressure washing machines. It can be widely used for multiple scenes, such as car washing, house cleaning, path washing, bringing more convenience to your daily life.

### Construction:

Inner:PE

Reinforcement: 1-2 layers of high tensile strength polyester fibre

Cover:PVC

### Characteristic:

Premium Performance: The PVC outer jacket ensures that the surface of pressure washer hose can remove stains easily without leaving scratches

Long Service Life: High quality material makes the hose durable, abrasion and cracking resistance

Environment Friendly: Meet ROHS2.0. Reach,PAHS. PAES etc.environmental protection standard

### Working temperature range:

-10°C(+14°F)~60°C(+140 )

Parameter:

| Item No. | 1.D.(mm) | W.P. (kgf/cm <sup>2</sup> ) | B.P (kgf/cm <sup>2</sup> ) | Elongation(%) | Length (m)/Roll |
|----------|----------|-----------------------------|----------------------------|---------------|-----------------|
| QX48E    | 3.2-4.0  | 80-280                      | 240-840                    | <±3%          | 3/4/6/8/10/12   |
| QX57E    | 5.7      | 80-280                      | 240-840                    | <±3%          | 3/4/6/8/10/12   |
| QX62E    | 6.2      | 80-280                      | 240-840                    | <±3%          | 3/4/6/8/10/12   |
| QX714E   | 7.14     | 80-220                      | 240-840                    | <±3%          | 3/4/6/8/10/12   |
| QX80E    | 8.0      | 80-206                      | 240-620                    | <±3%          | 3/4/6/8/10/12   |
| QX95E    | 9.5      | 80-206                      | 240-620                    | <±3%          | 3/4/6/8/10/12   |



# Utigoflex High Pressure Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## Silicone Elbow hose

### Application:

It's widely used in automotive water tanks, intercoolers, turbochargers, radiators and water hose systems or other working environments. Size, shape, thickness and reinforcement can be customized as per customer's requirements.

Applicable spec: (45/90/135/180 Degree Elbow Silicone Hose.) Silicone Reducer Hose, Silicone Hump Hose, Reinforced Silicone Bellow Hose, T Shape Silicone Hose and other OEM Hose.

### Feature:

- Good resistance to high temperature and high pressure.
- Good resistance to heat and oil.
- Highly flexible, abrasion resistance, longer service life.
- Electrochemical degradation resistance.
- Color available: Black, Blue, red, orange, green and customized color.
- Working Pressure: 0.3 Mpa to 1 Mpa, Bursting Pressure: 1.9 Mpa.
- Silicone, fluorosilicone (FVMQ), ordinary oil-resistant silicone, flame retardant silicone, food grade silicone etc.



### Material:

Wall: 100% high quality silicone.

Reinforcement: Single or multiple layers of fabric.

Cover: 100% high quality silicone.

Working temperature range:-  
180°C ~ +260°C.

| Product Name                                | ID(mm)   | ID(inch) |
|---------------------------------------------|----------|----------|
| Straight reducer silicone hose              | 6-127    | 0.25-5   |
| 45 degree elbow silicone hose               | 6.5-152  | 0.25-6   |
| 45 degree elbow reducer elbow silicone hose | 6.5-152  | 0.25-6   |
| 67 degree elbow silicone hose               | 51-102   | 2-4      |
| 90 degree elbow silicone hose               | 6.5-152  | 0.25-6   |
| 90 degree reducer elbow silicone hose       | 6.5-152  | 0.25-6   |
| 135 degree elbow silicone hose              | 16-89    | 0.63-3.5 |
| 180 degree elbow silicone hose              | 16-89    | 0.63-3.5 |
| T shape silicone hose                       | 38-76    | 1.5-3    |
| Hump                                        | 51-102   | 2-4      |
| Reducing hump                               | 51-102   | 2-4      |
| One hump silicone hose                      | 25-114   | 1-4.5    |
| Two hump silicone hose                      | 89-102   | 3.5-4    |
| One hump reducer silicone hose              | 51-89    | 2-3.5    |
| Bellow hose with 1 ring                     | 51-102   | 2-4      |
| Bellow hose with 3 ring                     | 57-152   | 2-6      |
| Bellow hose with 4/5/6 ring                 | 63.5-152 | 2-6      |
| Silicone vacuum hose                        | 3-12     | 1/8-1/2  |

# Utigoflex High Pressure Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## Silicone Straight Hose

### Application:

It's widely used in automotive air conditioning, vacuum environment, exhaust emission, automotive water tanks, intercoolers, turbochargers, radiators and water hose systems or other working environments.

Size, thickness and reinforcement can be customized as per customer's requirements.

### Feature:

- Good resistance to high temperature and high pressure.
- Wear-resistant and durable.
- UV and ozone resistance.
- Silicone rubber is waterproof.
- Color available: Black, blue, red, orange, green and customized color.
- Working Pressure: 0.3 Mpa to 1 Mpa, Bursting Pressure: 1.9 Mpa.
- Provides long-life service in both low and high temperature environments.
- Silicone, fluorosilicone (FVMQ), ordinary oil-resistant silicone, flame retardant silicone, food grade silicone etc are support to customized.



### Material:

Wall: 100% high quality silicone.

Reinforcement: Single or multiple layers of fabric.

Cover: 100% high quality silicone.

Working temperature range:-  
180°C ~ +260°C.

| ID(mm) | ID(inch) | Wall thick (mm) | Length(m) |
|--------|----------|-----------------|-----------|
| 6      | 1/4      | 4               | 1         |
| 8      | 1/3      | 4               | 1         |
| 10     | 3/8      | 4               | 1         |
| 12     | 1/2      | 4               | 1         |
| 14     | 9/16     | 4               | 1         |
| 16     | 5/8      | 4               | 1         |
| 20     | 4/5      | 4               | 1         |
| 22     | 6/7      | 4               | 1         |
| 25     | 1        | 4               | 1         |
| 28     | 1-1/9    | 4               | 1         |
| 30     | 1-1/6    | 4               | 1         |
| 32     | 1-1/4    | 4               | 1         |
| 35     | 1-3/8    | 4               | 1         |
| 38     | 1-1/2    | 4               | 1         |
| 45     | 1-7/9    | 4               | 1         |
| 48     | 1-8/9    | 5               | 1         |
| 51     | 2        | 5               | 1         |
| 54     | 2-1/8    | 5               | 1         |

# Food Grade Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## Smooth Surface PVC Spiral Hose - Food Grade

### Application:

This product is suitable for conveying foods like milk, beverage, jam and wine which compliant to FDA & REACH.  
Also used for food industry and health care industry.

### Features:

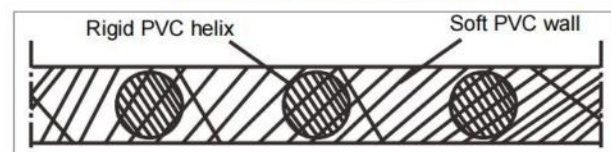
1. Extremely smooth inner wall and outer surface.
2. Reinforced with PVC helix.
3. Non-toxic and non-smell.
4. Good resistance to crushing, abrasion and most chemicals.
5. Superior resistance against inside and outside pressure.
6. Different colors are available.
7. Small bending radius and flexible.

### Material:

Wall: soft pvc.  
Helix: pvc.

### Working temperature range:-

20°C to +70°C



|               | ID (mm)     | OD (mm)     | Wall Thickness (mm) | Working Pressure (bar) | Vacuum mmHg(20°C) | Bending Radius (mm) | Length (m) | Dimension D*H(cm) | Volume m³/roll |
|---------------|-------------|-------------|---------------------|------------------------|-------------------|---------------------|------------|-------------------|----------------|
| Standard Duty | 19.0 ± 0.5  | 23.0 ± 0.5  | 2.0                 | 5.0                    | 750               | 70                  | 50         | 60x20             | 0.072          |
|               | 25.4 ± 0.5  | 29.4 ± 0.5  | 2.0                 | 5.0                    | 750               | 70                  | 50         | 60x25             | 0.090          |
|               | 31.7 ± 0.5  | 35.7 ± 0.5  | 2.0                 | 5.0                    | 750               | 90                  | 50         | 70x30             | 0.147          |
|               | 38.1 ± 0.5  | 44.1 ± 0.5  | 3.0                 | 5.0                    | 750               | 110                 | 50         | 80x30             | 0.192          |
|               | 50.8 ± 1.0  | 57.8 ± 1.0  | 3.5                 | 5.0                    | 750               | 150                 | 50         | 100x25            | 0.250          |
|               | 63.5 ± 1.0  | 70.5 ± 1.0  | 3.5                 | 4.0                    | 750               | 180                 | 50         | 115x35            | 0.463          |
|               | 76.2 ± 1.0  | 84.2 ± 1.0  | 4.0                 | 4.0                    | 750               | 220                 | 50         | 135x40            | 0.730          |
|               | 101.6 ± 1.5 | 111.6 ± 1.5 | 5.0                 | 4.0                    | 750               | 330                 | 50         | 200x35            | 1.400          |
|               | 127.0 ± 1.5 | 139.0 ± 1.5 | 6.0                 | 3.0                    | 750               | 500                 | 50         | 230x42            | 2.220          |
|               | 152.4 ± 1.5 | 166.4 ± 1.5 | 7.0                 | 3.0                    | 750               | 700                 | 30         | 230x35            | 1.850          |
|               | 203.2 ± 1.5 | 219.2 ± 1.5 | 8.0                 | 2.5                    | 750               | 1100                | 12         | 1200x230          | 0.640          |
|               | 254.0 ± 1.5 | 274.0 ± 1.5 | 10.0                | 2.5                    | 750               | 1400                | 12         | 1200x280          | 0.941          |
|               | 304.8 ± 1.5 | 324.8 ± 1.5 | 10.0                | 2.5                    | 750               | 1800                | 12         | 1200x330          | 1.310          |
|               | 355.6 ± 1.5 | 375.6 ± 1.5 | 10.0                | 2.5                    | 750               | 2200                | 12         | 1200x383          | 1.761          |
| Heavy Duty    | 19.0 ± 0.5  | 25.0 ± 0.5  | 3.0                 | 5.0                    | 750               | 70                  | 50         | 60x20             | 0.072          |
|               | 25.4 ± 0.5  | 31.4 ± 0.5  | 3.0                 | 5.0                    | 750               | 70                  | 50         | 60x25             | 0.090          |
|               | 31.7 ± 0.5  | 37.7 ± 0.5  | 3.0                 | 5.0                    | 750               | 90                  | 50         | 70x30             | 0.147          |
|               | 38.1 ± 0.5  | 45.1 ± 0.5  | 3.5                 | 5.0                    | 750               | 110                 | 50         | 80x30             | 0.192          |
|               | 50.8 ± 1.0  | 58.8 ± 1.0  | 4.0                 | 5.0                    | 750               | 150                 | 50         | 100x25            | 0.250          |
|               | 63.5 ± 1.0  | 72.5 ± 1.0  | 4.5                 | 4.0                    | 750               | 180                 | 50         | 115x35            | 0.463          |
|               | 76.2 ± 1.0  | 86.2 ± 1.0  | 5.0                 | 4.0                    | 750               | 220                 | 50         | 135x40            | 0.730          |
|               | 101.6 ± 1.5 | 103.6 ± 1.5 | 6.0                 | 4.0                    | 750               | 330                 | 50         | 200x35            | 1.400          |
|               | 127.0 ± 1.5 | 141.0 ± 1.5 | 7.0                 | 3.0                    | 750               | 500                 | 50         | 230x42            | 2.220          |
|               | 152.4 ± 1.5 | 168.4 ± 1.5 | 8.0                 | 3.0                    | 750               | 700                 | 30         | 230x35            | 1.850          |
|               | 203.2 ± 1.5 | 225.2 ± 1.5 | 11.0                | 2.5                    | 750               | 1100                | 12         | 1200x230          | 0.640          |
|               | 254.0 ± 1.5 | 278.0 ± 1.5 | 12.0                | 2.5                    | 750               | 1400                | 12         | 1200x280          | 0.941          |
|               | 304.8 ± 1.5 | 328.8 ± 1.5 | 12.0                | 2.5                    | 750               | 1800                | 12         | 1200x330          | 1.310          |
|               | 355.6 ± 1.5 | 379.6 ± 1.5 | 12.0                | 2.5                    | 750               | 2200                | 12         | 1200x383          | 1.761          |
| Light Duty    | 19.0 ± 0.5  | 23.0 ± 0.5  | 2.0                 | 4.0                    | 750               | 70                  | 50         | 60x20             | 0.072          |
|               | 25.4 ± 0.5  | 29.4 ± 0.5  | 2.0                 | 4.0                    | 750               | 70                  | 50         | 60x25             | 0.090          |
|               | 31.7 ± 0.5  | 35.7 ± 0.5  | 2.0                 | 4.0                    | 750               | 90                  | 50         | 70x28             | 0.137          |
|               | 38.1 ± 0.5  | 44.1 ± 0.5  | 3.0                 | 4.0                    | 750               | 110                 | 50         | 80x30             | 0.192          |
|               | 50.8 ± 1.0  | 56.8 ± 1.0  | 3.0                 | 4.0                    | 750               | 150                 | 50         | 100x24            | 0.240          |
|               | 63.5 ± 1.0  | 69.5 ± 1.0  | 3.0                 | 3.0                    | 750               | 180                 | 50         | 115x33            | 0.436          |
|               | 76.2 ± 1.0  | 83.2 ± 1.0  | 3.5                 | 3.0                    | 750               | 220                 | 50         | 135x38            | 0.693          |
|               | 101.6 ± 1.5 | 109.6 ± 1.5 | 4.0                 | 3.0                    | 750               | 330                 | 50         | 200x34            | 1.360          |

# Food Grade Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## Smooth Surface PVC Steel Wire Hose-Food Grade

### Application:

This product is suitable for conveying foods like milk, beverage, jam and wine which compliant to FDA & REACH.  
Also used for food industry and health care industry.

### Features:

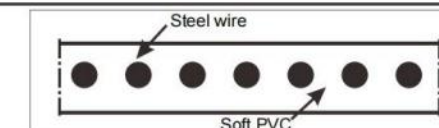
1. Extremely smooth inner wall and outer surface.
2. Reinforced with steel wire helix.
3. Good resistance to crushing, abrasion and most chemicals.
4. Good adaptability to hard weather condition and minus pressure..
5. Superior resistance against inside and outside pressure.
6. Non-toxic and non-smell.
7. Anti-UV.

### Material:

Wall: pvc  
Helix: steel wire

### Working temperature range:

-20°C to +70°C



| ID (mm) | OD (mm) | Working Pressure |     | Bursting Pressure |     | Length(m/roll) | Weight Kg/roll | Volume m³ |
|---------|---------|------------------|-----|-------------------|-----|----------------|----------------|-----------|
|         |         | bar              | psi | bar               | psi |                |                |           |
| 6       | 11      | 11               | 160 | 33                | 479 | 100            | 10.00          | 0.028     |
| 8       | 14      | 11               | 160 | 33                | 479 | 100            | 15.50          | 0.039     |
| 9       | 14      | 10               | 145 | 30                | 435 | 100            | 13.50          | 0.027     |
| 10      | 15      | 10               | 145 | 30                | 435 | 100            | 14.70          | 0.041     |
| 9       | 15      | 11               | 160 | 33                | 479 | 100            | 17.00          | 0.029     |
| 10      | 16      | 11               | 160 | 33                | 479 | 100            | 18.40          | 0.045     |
| 12      | 17      | 9                | 131 | 30                | 435 | 100            | 17.10          | 0.044     |
| 12      | 18      | 10               | 145 | 30                | 435 | 100            | 21.20          | 0.049     |
| 15      | 22      | 10               | 145 | 30                | 435 | 100            | 30.50          | 0.074     |
| 15      | 21      | 9                | 131 | 30                | 435 | 100            | 25.40          | 0.074     |
| 16      | 20      | 8                | 116 | 20                | 290 | 100            | 17.00          | 0.061     |
| 16      | 23      | 9                | 131 | 30                | 435 | 100            | 32.10          | 0.063     |
| 19      | 26      | 10               | 145 | 30                | 435 | 50             | 18.55          | 0.052     |
| 19      | 25.5    | 8                | 116 | 20                | 290 | 50             | 17.05          | 0.050     |
| 20      | 26      | 8                | 116 | 20                | 290 | 50             | 16.25          | 0.050     |
| 20      | 24.5    | 8                | 116 | 20                | 290 | 50             | 11.80          | 0.050     |
| 22      | 30      | 8                | 116 | 20                | 290 | 50             | 24.50          | 0.065     |
| 22      | 27      | 8                | 116 | 20                | 290 | 50             | 14.40          | 0.058     |
| 25      | 33      | 10               | 145 | 25                | 363 | 50             | 27.30          | 0.085     |
| 25      | 29      | 7                | 102 | 20                | 290 | 50             | 12.70          | 0.065     |
| 25      | 30      | 7                | 102 | 20                | 290 | 50             | 16.20          | 0.069     |
| 25      | 32      | 7                | 102 | 20                | 290 | 50             | 23.50          | 0.078     |
| 32      | 41      | 7                | 102 | 20                | 290 | 40             | 30.96          | 0.106     |
| 32      | 36      | 5                | 73  | 19                | 276 | 50             | 16.00          | 0.124     |
| 32      | 38.6    | 5                | 73  | 19                | 276 | 50             | 27.45          | 0.133     |
| 32      | 41      | 6                | 87  | 20                | 290 | 50             | 38.70          | 0.152     |
| 32      | 41.6    | 6                | 87  | 20                | 290 | 50             | 44.10          | 0.130     |

# Utigoflex Food Grade Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

| ID (mm) | OD (mm) | Working Pressure |     | Bursting Pressure |     | Length(m/roll) | WeightK g/roll | Volume m³ |
|---------|---------|------------------|-----|-------------------|-----|----------------|----------------|-----------|
|         |         | bar              | psi | bar               | psi |                |                |           |
| 38      | 48      | 6                | 87  | 18                | 261 | 40             | 40.52          | 0.154     |
| 38      | 42.8    | 5                | 73  | 16                | 232 | 50             | 22.85          | 0.154     |
| 38      | 44      | 5                | 73  | 16                | 232 | 50             | 28.95          | 0.161     |
| 38      | 44.6    | 5                | 73  | 16                | 232 | 50             | 32.10          | 0.169     |
| 38      | 45.5    | 6                | 87  | 18                | 261 | 50             | 36.85          | 0.173     |
| 38      | 46.4    | 6                | 87  | 18                | 261 | 50             | 41.75          | 0.184     |
| 45      | 56      | 6                | 87  | 17                | 247 | 40             | 52.32          | 0.190     |
| 45      | 50      | 5                | 73  | 16                | 232 | 50             | 27.95          | 0.198     |
| 45      | 52      | 5                | 73  | 16                | 232 | 50             | 40.00          | 0.211     |
| 45      | 53      | 5                | 73  | 16                | 232 | 50             | 46.15          | 0.229     |
| 48      | 59      | 5                | 73  | 16                | 232 | 40             | 59.12          | 0.208     |
| 48      | 54.6    | 5                | 73  | 15                | 218 | 50             | 42.55          | 0.234     |
| 48      | 56.4    | 5                | 73  | 15                | 218 | 50             | 55.05          | 0.262     |
| 48      | 58      | 5                | 73  | 15                | 218 | 50             | 66.55          | 0.267     |
| 50      | 62      | 5                | 73  | 16                | 232 | 40             | 67.52          | 0.276     |
| 50      | 55.6    | 5                | 73  | 10                | 145 | 50             | 37.15          | 0.258     |
| 50      | 57.2    | 5                | 73  | 14                | 203 | 50             | 48.45          | 0.268     |
| 50      | 58.2    | 5                | 73  | 14                | 203 | 50             | 55.70          | 0.273     |
| 50      | 60      | 5                | 73  | 15                | 218 | 50             | 69.10          | 0.289     |
| 58      | 70      | 5                | 73  | 15                | 218 | 40             | 72.36          | 0.350     |
| 63      | 80      | 5                | 73  | 14                | 203 | 30             | 94.47          | 0.330     |
| 64      | 72.3    | 4                | 58  | 10                | 145 | 40             | 58.60          | 0.351     |
| 64      | 75      | 4                | 58  | 10                | 145 | 40             | 79.20          | 0.370     |
| 64      | 76      | 4                | 58  | 10                | 145 | 40             | 87.04          | 0.370     |
| 64      | 77      | 4                | 58  | 10                | 145 | 40             | 94.96          | 0.389     |
| 75      | 91      | 5                | 73  | 13                | 189 | 30             | 103.20         | 0.436     |
| 75      | 84      | 4                | 58  | 10                | 145 | 40             | 74.16          | 0.504     |
| 75      | 85      | 4                | 58  | 10                | 145 | 40             | 82.88          | 0.504     |
| 75      | 87      | 4                | 58  | 10                | 145 | 40             | 100.72         | 0.681     |
| 75      | 89      | 4                | 58  | 10                | 145 | 40             | 118.96         | 0.715     |
| 90      | 108     | 4                | 58  | 12                | 174 | 20             | 95.12          | 0.640     |
| 100     | 118     | 3                | 44  | 10                | 145 | 20             | 104.74         | 0.505     |
| 102     | 112     | 3                | 44  | 10                | 145 | 30             | 175.68         | 0.667     |
| 102     | 114     | 3                | 44  | 10                | 145 | 30             | 103.77         | 0.676     |
| 102     | 115     | 3                | 44  | 10                | 145 | 30             | 112.95         | 0.706     |
| 102     | 118     | 3                | 44  | 10                | 145 | 30             | 140.91         | 0.716     |
| 110     | 123     | 3                | 44  | 10                | 145 | 20             | 80.84          | 0.810     |
| 117     | 133     | 3                | 44  | 10                | 145 | 20             | 109.90         | 1.024     |
| 127     | 143     | 3                | 44  | 10                | 145 | 20             | 118.70         | 1.243     |
| 140     | 156     | 3                | 44  | 10                | 145 | 10             | 65.06          | 0.627     |
| 152     | 170     | 3                | 44  | 10                | 145 | 10             | 81.90          | 0.765     |
| 160     | 176     | 3                | 44  | 10                | 145 | 10             | 75.96          | 0.922     |
| 180     | 196     | 3                | 44  | 10                | 145 | 10             | 85.01          | 1.156     |
| 200     | 224     | 3                | 44  | 10                | 145 | 10             | 143.79         | 1.426     |

# Utigoflex Food Grade Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## PVC Fiber Reinforced Hose - Food Grade

### Application:

This product is suitable for conveying foods like milk, beverage, jam and wine etc. which compliant to FDA & REACH.  
Also used for food industry and health care industry.

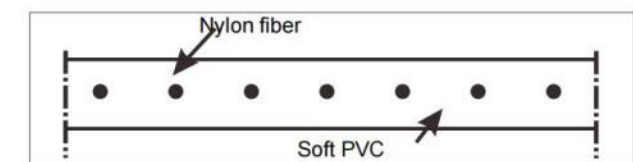
### Features:

1. Extremely smooth inner wall and outer surface.
2. Reinforced with polyester fiber.
3. Good resistance to crushing, abrasion and most chemicals.
4. Superior resistance against inside and outside pressure.
5. Non-toxic and non-smell.
6. Anti-UV.
7. Small bending radius and flexible.

### Material:

Wall: soft pvc  
Helix: nylon fiber

Working temperature range:-  
20°C to +70°C



|            | ID (mm) | OD (mm) | Length (m/roll) | Recommended operating limits |                      | Weight (g/m) |
|------------|---------|---------|-----------------|------------------------------|----------------------|--------------|
|            |         |         |                 | Work Pressure (bar)          | Burst Pressure (bar) |              |
| Light Duty | 6       | 10      | 100             | 10.00                        | 40.00                | 65           |
|            | 8       | 12      | 100             | 10.00                        | 40.00                | 82           |
|            | 10      | 14      | 100             | 9.00                         | 35.00                | 98           |
|            | 12      | 16      | 50              | 7.00                         | 20.00                | 115          |
|            | 13      | 17      | 50              | 7.00                         | 20.00                | 125          |
|            | 16      | 20      | 50              | 6.00                         | 20.00                | 150          |
|            | 19      | 23      | 50              | 4.00                         | 12.00                | 170          |
|            | 20      | 24      | 50              | 4.00                         | 12.00                | 180          |
|            | 25      | 29      | 50              | 3.00                         | 10.00                | 220          |
|            | 32      | 38      | 40              | 3.00                         | 10.00                | 430          |
|            | 38      | 45      | 40              | 3.00                         | 10.00                | 590          |
|            | 45      | 55      | 30              | 3.00                         | 10.00                | 1020         |
|            | 50      | 59      | 30              | 3.00                         | 10.00                | 1100         |
|            | 5       | 10      | 100             | 12.00                        | 45.00                | 76           |
|            | 6       | 11      | 100             | 12.00                        | 45.00                | 87           |
| Heavy Duty | 8       | 13      | 100             | 12.00                        | 45.00                | 105          |
|            | 10      | 15      | 100             | 12.00                        | 40.00                | 130          |
|            | 12      | 18      | 100             | 10.00                        | 30.00                | 185          |
|            | 16      | 22      | 50              | 10.00                        | 30.00                | 230          |
|            | 19      | 25      | 50              | 10.00                        | 30.00                | 270          |
|            | 22      | 28      | 50              | 10.00                        | 30.00                | 305          |
|            | 25      | 31      | 50              | 10.00                        | 30.00                | 340          |
|            | 32      | 40      | 40              | 6.00                         | 18.00                | 590          |
|            | 38      | 46      | 40              | 6.00                         | 18.00                | 690          |
|            | 45      | 56      | 30              | 5.00                         | 15.00                | 1140         |
|            | 50      | 62      | 30              | 5.00                         | 15.00                | 1380         |
|            | 64      | 78      | 20              | 5.00                         | 15.00                | 2030         |
|            | 76      | 92      | 20              | 5.00                         | 15.00                | 2750         |

## PYROFLEX FIRESLEEVE

### Application:

High temperature resistant silicone sleeve is a thick-walled woven glass fiber sleeve coated with special flame retardant silicone rubber. This product is convenient to install on cables and hoses, and can be extended to be installed on fittings or joints. It prevents the damage of cables, hydraulic gas and lubricant supply lines caused by continuous high temperature, radiation and splashing, and can protect against accidents and reduce energy consumption. It can also prevent the medium heat in the pipeline from being directly transferred to the surrounding environment, which makes the workshop temperature too high and saves the cost of cooling.

### Specification:

| ALKEM Part No. | mm  | inch  | Wall Thickness |
|----------------|-----|-------|----------------|
| AKM-FS-04      | 4   | 1/5   | 1.0            |
| AKM-FS-06      | 6   | 1/4   | 1.2            |
| AKM-FS-08      | 8   | 5/16  | 1.3            |
| AKM-FS-10      | 10  | 3/8   | 1.6            |
| AKM-FS-12      | 12  | 1/2   | 1.7            |
| AKM-FS-15      | 15  | 5/8   | 2.1            |
| AKM-FS-20      | 20  | 3/4   | 2.3            |
| AKM-FS-25      | 25  | 1     | 2.6            |
| AKM-FS-30      | 30  | 1 1/8 | 2.9            |
| AKM-FS-32      | 32  | 1 1/4 | 3.0            |
| AKM-FS-35      | 35  | 1 3/8 | 3.0            |
| AKM-FS-38      | 38  | 1 1/2 | 3.3            |
| AKM-FS-40      | 40  | 1 5/8 | 3.4            |
| AKM-FS-45      | 45  | 1 3/4 | 3.5            |
| AKM-FS-50      | 50  | 2     | 3.7            |
| AKM-FS-55      | 55  | 2 1/4 | 3.9            |
| AKM-FS-60      | 60  | 2 3/8 | 4.0            |
| AKM-FS-65      | 65  | 2 1/2 | 4.2            |
| AKM-FS-70      | 70  | 2 3/4 | 4.3            |
| AKM-FS-75      | 75  | 3     | 4.4            |
| AKM-FS-80      | 80  | 3 1/8 | 4.7            |
| AKM-FS-85      | 85  | 3 1/4 | 4.8            |
| AKM-FS-90      | 90  | 3 1/2 | 5.0            |
| AKM-FS-95      | 95  | 3 3/4 | 4.5            |
| AKM-FS-100     | 100 | 4     | 4.6            |
| AKM-FS-105     | 105 | 4 1/8 | 4.7            |
| AKM-FS-110     | 110 | 4 3/8 | 4.7            |
| AKM-FS-115     | 115 | 4 1/2 | 4.7            |
| AKM-FS-120     | 120 | 4 3/4 | 4.8            |



## NYLON NON-SHRINKABLE TEXTILE SLEEVE

### Application:

Nylon non shrink textile sleeve is made of tightly woven nylon yarn, with smooth surface, strong tensile resistance, wear resistance, explosion-proof and anti-corrosion, moisture absorption and dust prevention, heat resistance, and resistance to ultraviolet radiation. This product can extend the service life of the hose, and in case of hose leakage, it can also safely protect against high-pressure fuel injection. It is also commonly used for external damage to wires, cables, hoses, and chains, making it easy to install and can be secured in place with nylon ties or straps.



### Specification:

| Part NO. | mm  | inch | Wall Thickness (mm) |
|----------|-----|------|---------------------|
| NTT-20   | 12  | 0.47 | 1                   |
| NTT-25   | 15  | 0.59 | 1                   |
| NTT-30   | 18  | 0.70 | 1                   |
| NTT-35   | 21  | 0.82 | 1                   |
| NTT-40   | 24  | 0.94 | 1                   |
| NTT-45   | 28  | 1.10 | 1                   |
| NTT-50   | 31  | 1.22 | 1                   |
| NTT-60   | 37  | 1.45 | 1                   |
| NTT-70   | 44  | 1.73 | 1                   |
| NTT-80   | 50  | 1.96 | 1                   |
| NTT-90   | 56  | 2.20 | 1                   |
| NTT-100  | 62  | 2.44 | 1                   |
| NTT-115  | 72  | 2.83 | 1                   |
| NTT-145  | 90  | 3.54 | 1                   |
| NTT-176  | 110 | 4.33 | 1                   |
| NTT-200  | 127 | 5.00 | 1                   |

## SILICONE GLASS FIBER SLEEVE

### Application:

Silicone glass fiber bushing is made of alkali-free glass fiber and coated with silicone resin for high temperature treatment. The appearance is uniform. Silicone glass fiber bushing has the characteristics of high temperature resistance, corrosion resistance, frost resistance, good dielectric property, self-extinguishing property, softness, light weight and high strength. It is widely used in wire harness insulation protection in household appliances, electronic equipment and other fields.



### Specification:

| ALKEM Part No. | mm            | inch      | Wall Thickness |
|----------------|---------------|-----------|----------------|
| 0.5            | 0.5+0.3/-0.2  | 0.31±0.06 | 0.35±0.08      |
| 1.0            | 1.0+0.3/-0.2  | 0.31±0.06 | 0.35±0.08      |
| 1.5            | 1.5+0.3/-0.2  | 0.35±0.06 | 0.38±0.08      |
| 2.0            | 2.0+0.3/-0.2  | 0.35±0.06 | 0.39±0.08      |
| 2.5            | 2.5+0.3/-0.2  | 0.35±0.06 | 0.41±0.08      |
| 3.0            | 3.0+0.3/-0.2  | 0.35±0.06 | 0.45±0.08      |
| 3.5            | 3.5+0.3/-0.2  | 0.38±0.06 | 0.45±0.08      |
| 4.0            | 4.0+0.3/-0.2  | 0.38±0.06 | 0.45±0.08      |
| 4.5            | 4.5+0.4/-0.2  | 0.38±0.06 | 0.45±0.08      |
| 5.0            | 5.0+0.4/-0.2  | 0.38±0.06 | 0.45±0.08      |
| 5.5            | 5.5+0.4/-0.2  | 0.39±0.06 | 0.45±0.08      |
| 6.0            | 6.0+0.4/-0.2  | 0.39±0.06 | 0.45±0.08      |
| 7.0            | 7.0+0.4/-0.2  | 0.39±0.06 | 0.45±0.08      |
| 8.0            | 8.0+0.5/-0.2  | 0.39±0.06 | 0.45±0.08      |
| 9.0            | 9.0+0.5/-0.2  | 0.47±0.06 | 0.53±0.08      |
| 10.0           | 10.0+0.5/-0.2 | 0.48±0.06 | 0.54±0.08      |
| 12.0           | 12.0+0.5/-0.2 | 0.51±0.06 | 0.55±0.08      |
| 13.0           | 13.0+0.5/-0.2 | 0.52±0.06 | 0.55±0.08      |
| 14.0           | 14.0+0.5/-0.2 | 0.52±0.06 | 0.55±0.08      |
| 15.0           | 15.0+0.7/-0.5 | 0.5±0.06  | 0.55±0.08      |
| 16.0           | 16.0+0.7/-0.5 | 0.53±0.06 | 0.57±0.08      |
| 18.0           | 18.0+0.7/-0.5 | 0.61±0.06 | 0.65±0.10      |
| 20.0           | 20.0+0.7/-0.5 | 0.61±0.06 | 0.65±0.10      |
| 25.0           | 25.0+1.0/-0.5 | 0.73±0.12 | 0.76±0.12      |
| 30.0           | 30.0±1.0      | 0.76±0.12 | 0.83±0.12      |
| 35.0           | 35.0±1.0      | 0.80±0.20 | 0.86±0.20      |

## Aluminum Cam And Groove Coupling

Other Materials options:

Stainless Steel A#304/316, Brass, Polypropylene, Nylon

| STYLE                                                                               | SIZE         | PAPT#   | STYLE                                                                               | SIZE         | PAPT#   |
|-------------------------------------------------------------------------------------|--------------|---------|-------------------------------------------------------------------------------------|--------------|---------|
| <b>TYPE A</b>                                                                       |              |         | <b>TYPE B</b>                                                                       |              |         |
|  | 1/2"(DN15)   | A015-AL |  | 1/2"(DN15)   | B015-AL |
|                                                                                     | 3/4"(DN20)   | A020-AL |                                                                                     | 3/4"(DN20)   | B020-AL |
|                                                                                     | 1"(DN25)     | A025-AL |                                                                                     | 1"(DN25)     | B025-AL |
|                                                                                     | 1-1/4"(DN32) | A032-AL |                                                                                     | 1-1/4"(DN32) | B032-AL |
|                                                                                     | 1-1/2"(DN40) | A040-AL |                                                                                     | 1-1/2"(DN40) | B040-AL |
|                                                                                     | 2"(DN50)     | A050-AL |                                                                                     | 2"(DN50)     | B050-AL |
|                                                                                     | 2-1/2"(DN65) | A065-AL |                                                                                     | 2-1/2"(DN65) | B065-AL |
|                                                                                     | 3"(DN80)     | A080-AL |                                                                                     | 3"(DN80)     | B080-AL |
|                                                                                     | 4"(DN100)    | A100-AL |                                                                                     | 4"(DN100)    | B100-AL |
| MALE ADAPTER X HOSE SHANK                                                           | 5"(DN125)    | A125-AL |                                                                                     | 5"(DN125)    | B125-AL |
|                                                                                     | 6"(DN150)    | A150-AL |                                                                                     | 6"(DN150)    | B150-AL |
|                                                                                     | 8"(DN200)    | A200-AL |                                                                                     | 8"(DN200)    | B200-AL |
|                                                                                     |              |         |                                                                                     |              |         |

| STYLE                                                                                 | SIZE         | PAPT#   | STYLE                                                                                 | SIZE         | PAPT#   |
|---------------------------------------------------------------------------------------|--------------|---------|---------------------------------------------------------------------------------------|--------------|---------|
| <b>TYPE C</b>                                                                         |              |         | <b>TYPE D</b>                                                                         |              |         |
|  | 1/2"(DN15)   | C015-AL |  | 1/2"(DN15)   | D015-AL |
|                                                                                       | 3/4"(DN20)   | C020-AL |                                                                                       | 3/4"(DN20)   | D020-AL |
|                                                                                       | 1"(DN25)     | C025-AL |                                                                                       | 1"(DN25)     | D025-AL |
|                                                                                       | 1-1/4"(DN32) | C032-AL |                                                                                       | 1-1/4"(DN32) | D032-AL |
|                                                                                       | 1-1/2"(DN40) | C040-AL |                                                                                       | 1-1/2"(DN40) | D040-AL |
|                                                                                       | 2"(DN50)     | C050-AL |                                                                                       | 2"(DN50)     | D050-AL |
|                                                                                       | 2-1/2"(DN65) | C065-AL |                                                                                       | 2-1/2"(DN65) | D065-AL |
|                                                                                       | 3"(DN80)     | C080-AL |                                                                                       | 3"(DN80)     | D080-AL |
|                                                                                       | 4"(DN100)    | C100-AL |                                                                                       | 4"(DN100)    | D100-AL |
| FEMALE COUPLER X HOSE SHANK                                                           | 5"(DN125)    | C125-AL |                                                                                       | 5"(DN125)    | D125-AL |
|                                                                                       | 6"(DN150)    | C150-AL |                                                                                       | 6"(DN150)    | D150-AL |
|                                                                                       | 8"(DN200)    | C200-AL |                                                                                       | 8"(DN200)    | D200-AL |
|                                                                                       |              |         |                                                                                       |              |         |

# Coupling & Accessories

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## Aluminum Cam And Groove Coupling

Other Materials options:

Stainless Steel A#304/316, Brass, Polypropylene, Nylon

| STYLE                                                                              | SIZE         | PAPT#   | STYLE                                                                               | SIZE         | PAPT#   |
|------------------------------------------------------------------------------------|--------------|---------|-------------------------------------------------------------------------------------|--------------|---------|
| <b>TYPE E</b>                                                                      | 1/2"(DN15)   | E015-AL | <b>TYPE F</b>                                                                       | 1/2"(DN15)   | F015-AL |
|  | 3/4"(DN20)   | E020-AL |  | 3/4"(DN20)   | F020-AL |
|                                                                                    | 1"(DN25)     | E025-AL |                                                                                     | 1"(DN25)     | F025-AL |
|                                                                                    | 1-1/4"(DN32) | E032-AL |                                                                                     | 1-1/4"(DN32) | F032-AL |
|                                                                                    | 1-1/2"(DN40) | E040-AL |                                                                                     | 1-1/2"(DN40) | B040-AL |
|                                                                                    | 2"(DN50)     | E050-AL |                                                                                     | 2"(DN50)     | F050-AL |
|                                                                                    | 2-1/2"(DN65) | E065-AL |                                                                                     | 2-1/2"(DN65) | F065-AL |
|                                                                                    | 3"(DN80)     | E080-AL |                                                                                     | 3"(DN80)     | F080-AL |
|                                                                                    | 4"(DN100)    | E100-AL |                                                                                     | 4"(DN100)    | F100-AL |
|                                                                                    | 5"(DN125)    | E125-AL |                                                                                     | 5"(DN125)    | F125-AL |
|                                                                                    | 6"(DN150)    | E150-AL |                                                                                     | 6"(DN150)    | F150-AL |
|                                                                                    | 8"(DN200)    | E200-AL |                                                                                     | 8"(DN200)    | F200-AL |

| STYLE                                                                              | SIZE         | PAPT#    | STYLE                                                                                | SIZE         | PAPT#    |
|------------------------------------------------------------------------------------|--------------|----------|--------------------------------------------------------------------------------------|--------------|----------|
| <b>TYPE DC</b>                                                                     | 1/2"(DN15)   | DC015-AL | <b>TYPE DP</b>                                                                       | 1/2"(DN15)   | DP015-AL |
|  | 3/4"(DN20)   | DC020-AL |  | 3/4"(DN20)   | DP020-AL |
|                                                                                    | 1"(DN25)     | DC025-AL |                                                                                      | 1"(DN25)     | DP025-AL |
|                                                                                    | 1-1/4"(DN32) | DC032-AL |                                                                                      | 1-1/4"(DN32) | DP032-AL |
|                                                                                    | 1-1/2"(DN40) | DC040-AL |                                                                                      | 1-1/2"(DN40) | DP040-AL |
|                                                                                    | 2"(DN50)     | DC050-AL |                                                                                      | 2"(DN50)     | DP050-AL |
|                                                                                    | 2-1/2"(DN65) | DC065-AL |                                                                                      | 2-1/2"(DN65) | DP065-AL |
|                                                                                    | 3"(DN80)     | DC080-AL |                                                                                      | 3"(DN80)     | DP080-AL |
|                                                                                    | 4"(DN100)    | DC100-AL |                                                                                      | 4"(DN100)    | DP100-AL |
|                                                                                    | 5"(DN125)    | DC125-AL |                                                                                      | 5"(DN125)    | DP125-AL |
|                                                                                    | 6"(DN150)    | DC150-AL |                                                                                      | 6"(DN150)    | DP150-AL |
|                                                                                    | 8"(DN200)    | DC200-AL |                                                                                      | 8"(DN200)    | DP200-AL |

# Coupling & Accessories

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

## American Hose Clamp



| SAE NO. | Item NO.                    |        |                               |         |
|---------|-----------------------------|--------|-------------------------------|---------|
|         | LTMS 8.0 (Band width 8.0mm) |        | LTMS 12.7 (Band width 12.7mm) |         |
|         | inch                        | mm     | inch                          | mm      |
| 04      | 3/8-5/8                     | 10-16  | 3/8-5/8                       | 10-16   |
| 05      | 1/2-3/4                     | 13-19  | 1/2-3/4                       | 13-19   |
| 06      | 1/2-7/8                     | 12-22  | 5/8-7/8                       | 16-23   |
| 08      | 5/8-1                       | 16-25  | 3/4-1 1/16                    | 19-27   |
| 10      | 3/4-1 1/16                  | 19-29  | 5/8-1 1/4                     | 16-32   |
| 12      | 7/8-1 1/4                   | 22-32  | 3/4-1 1/2                     | 19-38   |
| 16      | 1-1 1/2                     | 25-38  | 3/4-1 3/4                     | 19-44   |
| 20      | 1 1/4-1 3/4                 | 32-44  | 1 1/4-2                       | 32-51   |
| 24      | 1 3/8-2                     | 35-51  | 1 1/2-2 1/4                   | 38-57   |
| 28      | 1 1/2-2 1/4                 | 38-57  | 1 9/16-2 1/2                  | 40-64   |
| 32      | 1 1/2-2 3/8                 | 35-60  | 1 13/16-2 3/4                 | 46-70   |
| 36      | 1 3/4-2 1/2                 | 44-64  | 2 1/4-3                       | 57-76   |
| 40      | 2-2 3/4                     | 51-70  | 2 5/8-3 1/4                   | 67-83   |
| 44      | 2 3/4-3 1/4                 | 64-76  | 2 9/16-3 1/2                  | 65-89   |
| 48      | 2 13/16-3 1/2               | 70-89  | 2 13/16-3 3/4                 | 72-95   |
| 52      | 2 13/16-3 3/4               | 72-95  | 3 1/16-4                      | 78-101  |
| 56      | 3 1/16-4                    | 78-101 | 3 5/16-4 1/4                  | 84-108  |
| 60      | /                           | /      | 3 9/16-4 1/2                  | 91-114  |
| 64      | /                           | /      | 4 1/8-5                       | 105-127 |
| 72      | /                           | /      | 4 5/8-5 1/2                   | 117-140 |
| 80      | /                           | /      | 5 1/8-6                       | 105-152 |
| 88      | /                           | /      | 5 9/16-6 1/2                  | 114-165 |
| 96      | /                           | /      | 6 1/8-7                       | 156-178 |
| 104     | /                           | /      | 7-8                           | 177-203 |
| 116     | /                           | /      | 8-9                           | 203-228 |
| 120     | /                           | /      | 9-10                          | 228-254 |

| Material | Band                   | Housing                | Screw                  | Suggested Install Torque              |
|----------|------------------------|------------------------|------------------------|---------------------------------------|
| W1       | Zinc Plated Steel      | Zinc Plated Steel      | Zinc Plated Steel      | Band(8mm):2.1Nm<br>Band(12.7mm):3.8Nm |
| W2       | AISI SS201/SS301       | AISI SS201/SS301       | Zinc Plated Steel      | Band(8mm):2.1Nm<br>Band(12.7mm):6Nm   |
| W2B      | AISI SS201             | Zinc Plated Steel      | Zinc Plated Steel      |                                       |
| W4       | AISI SS201/SS301/SS304 | AISI SS201/SS301/SS304 | AISI SS201/SS301/SS304 |                                       |
| W5       | AISI SS316             | AISI SS316             | AISI SS316             |                                       |