

FORMOSA FAIR TRADING CORP.

**Offering a Wide Range of Standard Sized
Tubings and Customization for You**

**PTFE, PVDF, Silicone,
Nylon, PU, PE...Etc.**



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BRAID-REINFORCED SILICONE HOSE and Non-Braided Tubing

Features:

- 1.Hardness value of 65 Shore A
- 2.Extremely flexible
- 3.General temperature range: -70°C to 200°C)
- 4.Suitable for pharmaceutical and biomedical, food industrial
- 5.Resists temperature extremes, compression set, chemical attack, ozone, radiation, moisture, and environmental exposure
- 6.No taste or odor
- 7.Suitable for air or fluid
- 8.Rohs Qualified & FDA Conformed

BRAID-REINFORCED SILICONE HOSE

| PART NO. | I.D. | | WALL | | O.D. | | BURST | PACKING |
|----------|-------|------|-------|------|-------|------|---------------|-----------|
| | (in.) | (mm) | (in.) | (mm) | (in.) | (mm) | PRESSURE | |
| | | | | | | | (psi) (kg/cm) | |
| KT-0125 | .125 | 3.2 | .120 | 3.05 | .375 | 9.5 | 440 31 | 100M/ROLL |
| KT-0188 | .188 | 4.8 | .130 | 3.3 | .46 | 11.7 | 280 20 | 100M/ROLL |
| KT-0250 | .250 | 6.4 | .132 | 3.35 | .520 | 13.2 | 156 11 | 100M/ROLL |
| KT-0313 | .313 | 8.0 | .137 | 3.48 | .59 | 15.0 | 156 11 | 100M/ROLL |
| KT-0375 | .375 | 9.5 | .136 | 3.45 | .66 | 16.8 | 156 11 | 50M/ROLL |
| KT-0500 | .500 | 12.7 | .15 | 3.81 | .80 | 20.3 | 156 11 | 50M/ROLL |
| KT-0625 | .625 | 16 | .157 | 3.99 | .945 | 24.0 | 156 11 | 50M/ROLL |
| KT-0750 | .750 | 19 | .175 | 4.45 | 1.125 | 28 | 156 11 | 50M/ROLL |

Custom sizes, colors, lengths are available with minimum quantity

AIR HOSE

PU HOSE POLYURETHANE

Features:

- 1.Excellent mechanical strength and abrasion resistant
- 2.Superior heat and cold resistance
- 3.Chemical and oil resistace
- 4.Light weight
- 5.Customization available

✧Ester based properties:

Superior Oil resistance

Excellent Abrasion resistance

Burst Pressure Resistance

Ggenerally stronger and enjoys cost advantage over Polyether based PU tubing.

Not recommended for use in high humidity or exposure to water,
as volume swell and reduction of properties may result.



STRAIGHT PU HOSE

| PART NO. | I.D(mm) | O.D(mm) | Length | TEMPERATURE | Working Pressure at 70°F |
|----------|---------|---------|--------|----------------|-----------------------------|
| HUS0204 | 2 | 4 | 200M | | |
| HUS0305 | 3 | 5 | 200M | | |
| HUS2504 | 2.5 | 4 | 200M | | |
| HUS0406 | 4 | 6 | 200M | | |
| HUS0508 | 5 | 8 | 100M | | |
| HUS5508 | 5.5 | 8 | 100M | | |
| HUS0608 | 6 | 8 | 100M | | |
| HUS0710 | 7 | 10 | 100M | -5F°C ~ +140°F | 120PSI |
| HUS0810 | 8 | 10 | 100M | (-20°C ~ 60°C) | (0.8MPa) |
| HUS0812 | 8 | 12 | 100M | | |
| HUS8512 | 8.5 | 12 | 100M | | |
| HUS0912 | 9 | 12 | 100M | | |
| HUS1012 | 10 | 12 | 100M | | |
| HUS1014 | 10 | 14 | 50M | | |
| HUS1216 | 12 | 16 | 50M | | |
| HUS1020 | 1/8" | 1/4" | 200M | | |
| HUS2030 | 1/4" | 3/8" | 100M | | |
| HUS3040 | 3/8" | 1/2" | 100M | | |

Standard Cold: ●RE●OR●YE●GN●BS●BK

Custom sizes, colors, lengths are available with minimum quantity

PU SPIRAL AIR HOSE

POLYURETHANE

Features:

- 1.Excellent mechanical strength and abrasion resistant
- 2.Superior heat and cold resistance
- 3.Chemical and oil resistace
- 4.Light weight
- 5.Customization available



RECOIL PU HOSE

| PART NO. | I.D(mm) | O.D(mm) | Length | TEMPERATURE | Working Pressure at 70°F |
|----------|---------|---------|------------------|----------------------------------|-----------------------------|
| HUS0406 | 4 | 6 | 5M 10M 15M | -5F°C ~ +140°F (-20°C ~ 60°C) | 120PSI (0.8MPa) |
| HUS0508 | 5 | 8 | | | |
| HUS5508 | 5.5 | 8 | | | |
| HUS6510 | 6.5 | 10 | | | |
| HUS0812 | 8 | 12 | | | |
| HUS9513 | 9.5 | 13 | | | |
| HUS1216 | 12 | 16 | | | |
| HUS2504 | 2.5 | 4 | | | |
| HUS1020 | 1/8" | 1/4" | 20FT | | |
| HUS2030 | 1/4" | 3/8" | 30FT | | |
| HUS3040 | 3/8" | 1/2" | 40FT | | |

Standard Color: ●RE●OR●YE●GN●BS●BK

Custom sizes, colors, lengths are available with minimum quantity

Braid Reinforced PU HOSE

POLYURETHANE

Features:

1. Lightweight and flexible
2. Good flex fatigue and resilience characteristics
3. Superior cut-resistance
4. Excellent resistance to oils and solvents
5. Abrasion-resistance, provides extra long life span compared with conventional PVC or rubber air hose
6. Non-conductive compounds

Being lighter than other sized flexible hose, PU Reinforced Hose is a superior alternative to much bulkier rubber hoses. Open mesh polyester braiding incorporated within the walls of flexible polyurethane.

Material:

Inner Tube: Ester / Ether based polyurethane

Reinforcement: High tensile strength yarn

Cover: Ester / Ether based polyurethane

Applications:

Tubing for pneumatic equipment

Tubing for air service for spray painting equipment

Temperature Range:

-30°C to +70°C

Working Pressure:

4 to 1 safety factor

Color:

Natural(N)/Black(BK) /GREEN(AG) /BLUE(BU) /RED(R) /YELLOW(Y)

Metric sizes

| PART NO. | O.D.* I.D. (mm) | BREAK PRESSURE (Kgf/cm ²) | WORKING PRESSURE (Kgf/cm ²) |
|----------|--------------------|--|--|
| PUR0805 | 8X5 | 12 | 38 |
| PUR0805H | 8X5 | 15 | 38 |
| PUR1065 | 10X6.5 | 12 | 55 |
| PUR1065H | 10X6.5 | 15 | 55 |
| PUR1208 | 12X8 | 12 | 75 |

Custom sizes, colors, lengths are available with minimum quantity

POLYETHYLENE PE TUBING

Features:

1. Lightweight, Flexible and Long Lasting
2. High Dielectric Strength
3. Excellent Chemical Resistance
4. Chemically Inert
5. Dimensional Stability
6. FDA Conformed

Polyethylene tubing is extruded from high molecular weight resin for increased dimensional stability, uniformity and long-term strength.

The tubing is ideal for applications requiring low-temperature flexibility and durability. It is widely used in pneumatic device, food contact, transporting, water, chemicals and so many kinds of industries due to the properties and low cost.

Temperature Range:

-40°C to +80°C

Working Pressure:

3 to 1 safety factor

Color:

Natural(N)/Black(BK) /BLUE(BU) /RED(R) /YELLOW(Y)



Metric sizes

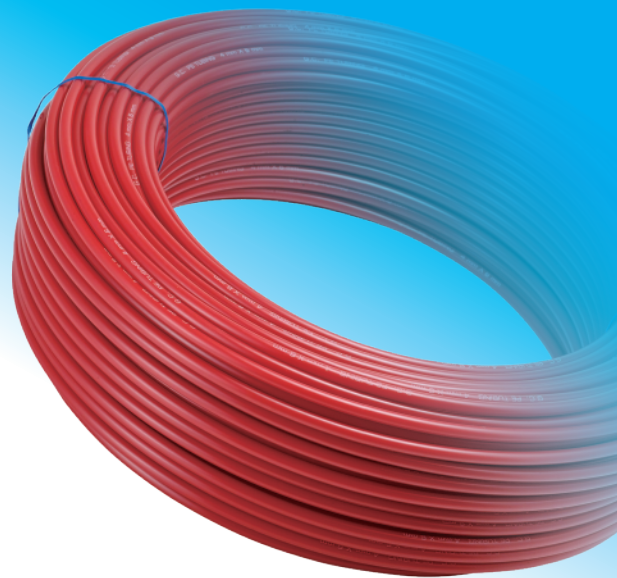
| PART NO. | O.D.* I.D. (mm) | BREAK PRESSURE (Kgf/cm ²) | WORKING PRESSURE (Kgf/cm ²) | WEIGHT (g/m) |
|----------|--------------------|--|--|-----------------|
| PE0402 | 4X2 | 30 | 10 | 9 |
| PE0425 | 4X2.5 | 27 | 9 | 7 |
| PE0604 | 6X4 | 30 | 10 | 15 |
| PE0806 | 8X6 | 30 | 10 | 20 |
| PE1075 | 10X7.5 | 30 | 10 | 33 |
| PE1209 | 12X9 | 27 | 9 | 47 |

Inch sizes

| PART NO. | O.D.* I.D. (mm) | BREAK PRESSURE (PSI) | WORKING PRESSURE (PSI) | WEIGHT (g/m) |
|----------|--------------------|-------------------------|---------------------------|-----------------|
| PE 1/8 | 3.2X2 | 450 | 150 | 5 |
| PE 3/16 | 4.76X3.2 | 420 | 140 | 11 |
| PE 1/4 | 6.35X4.57 | 420 | 140 | 25 |
| PE 3/8 | 9.5X7 | 420 | 140 | 32 |
| PE-1/2 | 12.7X9.5 | 420 | 140 | 52 |

Custom sizes, colors, lengths are available with minimum quantity

POLYAMIDE HOSE (NYLON TUBING)



Features:

1. Long Fatigue Life
2. Dimensional Stability
3. Excellent Abrasion Resistance
4. Broad Range of Corrosion-resistance and Chemical compatibility
5. Resistant to most solvents, alkalis, oils, and petroleum products

Nylon has been acknowledged as a multi-function and rugged engineering plastic. Intended as a substitute for metal, its light weight and corrosion and abrasion resistance have made it an attractive design choice. Nowadays, it is widely used in so many kinds of industries due to the excellent properties.

Applications:

- Fuel and Oil Transfer • Grease Lines • Pneumatic Devices
- Refrigeration & Cooling Systems • Chemical Transfer • Paint Supply
- Hydraulic Lines...and so on.

Temperature Range:

-20°C to +90°C (PA6) -40°C to +100°C (PA11/PA12)

Working Pressure:

4 to 1 safety factor

Color: Natural(N)/Black(BK) /BLUE(BU) /RED(R) /YELLOW(Y)

Metric sizes (For Nylon6 Tubing)

| PART NO. | O.D.* I.D. (mm) | BREAK PRESSURE (Kgf/cm ²) | WORKING PRESSURE (Kgf/cm ²) | WEIGHT (g/m) |
|----------|--------------------|--|--|-----------------|
| 6N0402 | 4X2 | 80 | 20 | 10 |
| 6N0425 | 4X2.5 | 72 | 18 | 9 |
| 6N0604 | 6X4 | 56 | 14 | 17 |
| 6N0806 | 8X6 | 48 | 12 | 24 |
| 6N1075 | 10X7.5 | 48 | 12 | 36 |
| 6N1209 | 12X9 | 48 | 12 | 52 |
| 6N1613 | 16X13 | 44 | 11 | 70 |

Inch sizes (For Nylon6 Tubing)

| PART NO. | O.D.* I.D. (mm) | BREAK PRESSURE (PSI) | WORKING PRESSURE (PSI) | WEIGHT (g/m) |
|----------|--------------------|-------------------------|---------------------------|-----------------|
| 6N 1/8 | 3.2X2 | 1200 | 300 | 5 |
| 6N 3/16 | 4.76X3.2 | 880 | 220 | 11 |
| 6N 1/4 | 6.35X4.57 | 720 | 180 | 27 |
| 6N 3/8 | 9.5X7 | 720 | 180 | 35 |
| 6N-1/2 | 12.7X9.5 | 720 | 180 | 56 |

Custom sizes, colors, lengths are available with minimum quantity

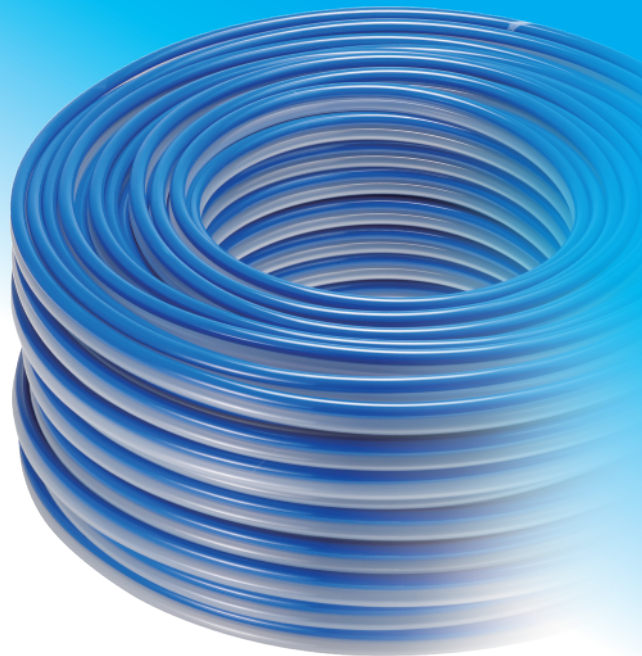
Nylon Paint Hose

Medium Pressure

Bonded or single hose redially available

Application:

- Lacquers
- Paints
- Solvents
- Thinners
- Light chemicals



Our paint hose features a two-layer extrusion of a Nylon inner tube and a TPU jacket. It is smooth and seamless with inside and outside dimension held to close tolerances. It can be used for all types of air and fluid applications. Natural semi-translucent color make it suitable for applications where the visual monitoring of fluids or technical gases being transported is required.

Material:

Inner :PA6 / PA11

Cover: Ester based polyurethane.

Applications:

Paint Spray

Tubing for chemical transfer

Temperature Range:

-20°C to +70°C

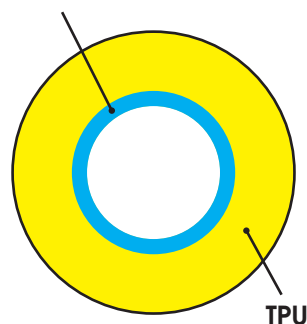
Working Pressure:

3 to 1 safety factor

Color:

Natural(N)

NYLON 6 or NYLON 11



Paint Tube

Sizes

| PART NO. | O.D.* I.D. (mm) | BREAK PRESSURE (Kgf/cm ²) | WORKING PRESSURE (Kgf/cm ²) | COIL LENGTH |
|----------|--------------------|--|--|-------------|
| PNT0805 | 8X5 | 30 | 10 | 100M/ROLL |
| PNT0855 | 10X6.5 | 30 | 10 | 100M/ROLL |
| PNT1065 | 11X8 | 30 | 10 | 100M/ROLL |

Custom sizes, colors, lengths are available with minimum quantity

PVDF TUBING

Polyvinylidene fluoride

PVDF Features:

- 1.Chemical resistance
- 2.Low permeability
- 3.Thermal stability
- 4.Radiation resistance
- 5.Superior abrasion resistance
- 6.Excellent creep and fatigue resistance.
- 7.FDA conformed

Being designed primarily for excellent mechanical properties, PVDF Tubing is an abrasion resistant fluoropolymer suitable for use in applications requiring chemical resistance with low permeability.

It is often used as a protective obstruction or lining in chemical industry applications and is so useful in extreme pure water systems and other kinds of industrial applications.

Material:

Solef® PVDF (Polyvinylidene fluoride)

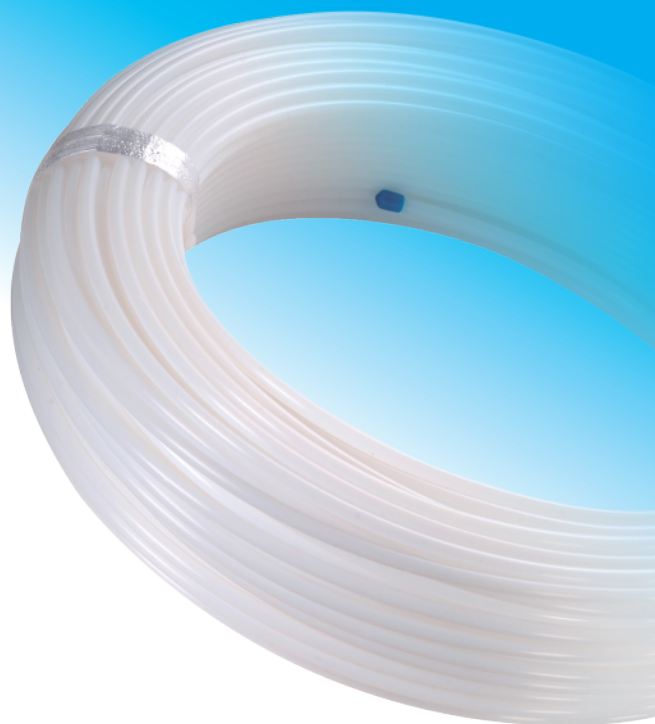
Applications:

- 1.Fluid transfer devices
- 2.Water processing systems
- 3.Transportation technology, electronics, components & insulators
- 4.Chemical & pharmaceutical manufacturing,
- 5.Food processing,
- 6.Environmental technology

Temperature Range: -40°C to +130°C

Working Pressure: 3 to 1 safety factor

Color: Natural(N)

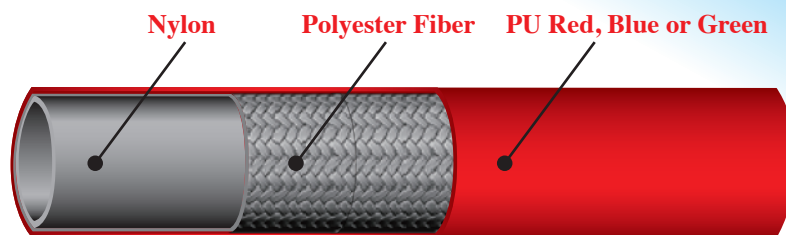


Sizes

| PART NO. | O.D.* I.D.(mm) | COIL LENGTH |
|----------|----------------|-------------|
| VDF0406 | 6X4 | 100M/ROLL |
| VDF0608 | 8X6 | 100M/ROLL |
| VDF 1/4 | 6.35X4.35 | 100M/ROLL |
| VDF 3/8 | 9.53X7 | 100M/ROLL |
| VDF 1/2 | 12.7X9.53 | 100M/ROLL |

Custom sizes, colors, lengths are available with minimum quantity

Thermoplastic Hydraulic hose



Feature:

- Conforms to requirements of SAE 100R7
- Temperatures -40~100 °C
- Inert to most of the hydraulic and chemical fluids

Application:

Medium pressure service for use with hydraulic fluids at high temperatures and aggressive chemicals in the chemical industry. Especially suitable for the food industry.

Mobile applications in vehicles

The TPFE core tube material conforms to FDA

CONSTRUCTION:

Core Tube: TPFE or Nylon

Reinforcement: One or more braided layer of synthetic Fiber

Cover: Polyurethane

Color: Red, Blue or Green

Other colours available on request

Temperature Range:

from -40°C to +100 °C

max. working temperature of air, water and fluids containing water: 65°C

Working Pressure:

4 to 1 safety factor.

Sizes

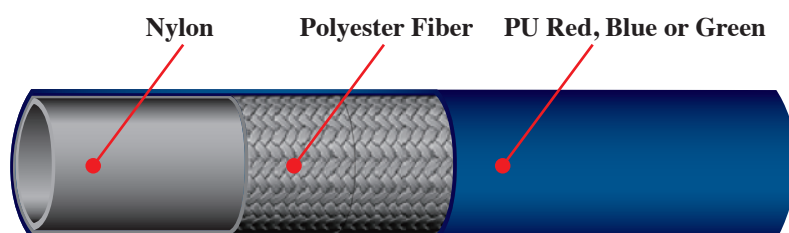
| PART NO. | Spec. Inches | Nominal I.D. | Nominal O.D. | Maximum Working Pressure | Minimum Bend Radius | WEIGHT |
|-----------|-----------------|-----------------|-----------------|--------------------------------|---------------------------|----------|
| HPH-R7-02 | 1/8 | 3.5mm | 8.5mm | 4500PSI | 15mm | 0.05kg/m |
| HPH-R7-03 | 3/16 | 4.8mm | 10.5mm | 4500PSI | 20mm | 0.06kg/m |
| HPH-R7-04 | 1/4 | 6.4mm | 12.5mm | 3300PSI | 40mm | 0.11kg/m |
| HPH-R7-05 | 5/16 | 7.9mm | 14.5mm | 3300PSI | 45mm | 0.13kg/m |
| HPH-R7-06 | 3/8 | 9.5mm | 16.5mm | 2250PSI | 50mm | 0.15kg/m |
| HPH-R7-08 | 1/2 | 12.7mm | 20.5mm | 2000PSI | 75mm | 0.22kg/m |

Custom sizes, colors, lengths are available with minimum quantity

AIRLESS SPRAY HOSE

With 1 or 2 fiber Braids reinforced

This is a high pressure semi-conductive thermoplastic hose that will not degrade when in contact with various fluids such as paints, chemicals, oils, and solvents.



Features & Applications:

1. Extremely durable and lightweight
2. Ideal for situations where electrostatic charge must be dissipated
3. Suitable for paints, solvents, lacquers, foams, caulks, resins, and roof coatings
4. Working pressures, customization available
5. Excellent flexibility and flex fatigue

Temperature Range:

from -40°C to +100 °C

max. working temperature of air, water and fluids containing water: 65°C

Working pressure:

4 to 1 safety factor

Sizes

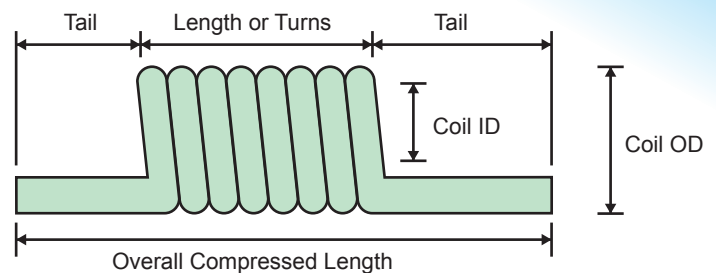
| PART NO. | Spec. Inches | Nominal I.D. | Nominal O.D. | Maximum Working Pressure | Minimum Bend Radius | WEIGHT |
|----------|--------------|--------------|--------------|--------------------------|---------------------|----------|
| ASL-02 | 1/8 | 3.5mm | 8.5mm | 4500PSI | 30mm | 0.05kg/m |
| ASL-03 | 3/16 | 4.8mm | 10.5mm | 3300PSI | 45mm | 0.06kg/m |
| ASL-04 | 1/4 | 6.4mm | 12.5mm | 3300PSI | 65mm | 0.08kg/m |
| ASL-06 | 3/8 | 9.5mm | 17.5mm | 3300PSI | 80mm | 0.14kg/m |

Custom sizes, colors, lengths are available with minimum quantity

NYLON RECOIL HOSE

Application:

1. Pneumatics
2. Truck and Mobile Air Brakes
3. Hand Tools
4. Industrial Robots
5. Pneumatic Conveying Systems
6. Chemical Transfer



Nowadays, the coiled hoses are widely used in so many kinds of industries due to the excellent properties. They are fitted with durable brass male fittings and spring guards that are preassembled on each hose end.

Custom spiral is also available. Every effort will be made to ensure the specifications of the spiral you may interest in ordering are accurate before production. However, since their particularity, custom spiral orders are not allowed to cancel once production begins.

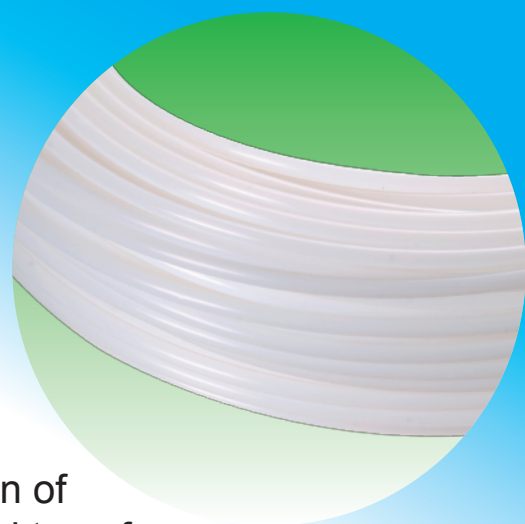
Essential requirements on your custom spiral:

1. I.D. and O.D. of the coil
2. Compressed coil length or turns
3. Overall compressed length and working length
4. Tail lengths
5. Fitting
6. Tubing material

| Sizes | | | |
|----------|-----------|-----------|-------------|
| PART NO. | O.D. (mm) | I.D. (mm) | UNIT LENGTH |
| NYC1425 | 6.35 | 5.08 | 25f /PIECE |
| NYC1450 | 6.35 | 5.08 | 50f /PIECE |
| NYC14100 | 6.35 | 5.08 | 100f /PIECE |
| NYC3825 | 12 | 7.62 | 25f /PIECE |
| NYC3850 | 12 | 7.62 | 50f /PIECE |
| NYC38100 | 12 | 7.62 | 100f /PIECE |

Custom sizes, colors, lengths are available with minimum quantity

FLUOROPOLYMER PTFE TUBING



Features:

1. Excellent Lubricity - Lowest coefficient of friction of any polymer, making it an ideal material for fluid transfers
2. Chemically Resistant, such as solvents, acids and bases
3. Chemically inert & Aging resistance
4. Low extractables
5. Excellent dielectric insulation and chemical properties
6. Temperature range : Up to 500° F (260° C)
7. FDA conformed

Because of PTFE's excellent properties, it is widely used in so many kinds of applications in industries. Therefore, it has become very popular to use PTFE instead of rubber hoses.

Applications:

1. Fluid transfer devices
2. Water processing systems
3. Transportation technology, electronics, components & insulators
4. Chemical & pharmaceutical manufacturing
5. Food processing
6. Environmental technology

Sizes

| PART NO. | ID (mm) | OD (mm) | BURST PRESSURES(kgf/cm ²) | WORKING PRESSURE(kgf/cm ²) | WEIGH (g/m) |
|--------------|---------|---------|---------------------------------------|--|-------------|
| PTF 0204 | 2 | 4 | 100 | 33 | 21 |
| PTF 0305 | 3 | 5 | 78 | 26 | 27 |
| PTF 0406 | 4 | 6 | 65 | 22 | 34 |
| PTF 0608 | 6 | 8 | 448 | 16 | 48 |
| PTF 0810 | 8 | 10 | 36 | 12 | 62 |
| PTF 0912 | 9 | 12 | 48 | 16 | 106 |
| PTF 1012 | 10 | 12 | 33 | 11 | 76 |
| PTF 1/16*1/8 | 1.6 | 3.2 | 100 | 33 | 13 |
| PTF 1/8*1/4 | 3.2 | 6.35 | 100 | 33 | 52 |
| PTF 5/32*1/4 | 4 | 6.35 | 74 | 25 | 43 |
| PTF 3/16*1/4 | 4.75 | 6.35 | 47 | 16 | 30 |
| PTF 1/4*3/8 | 6.4 | 9.53 | 66 | 22 | 85 |
| PTF 5/16*3/8 | 8 | 9.53 | 30 | 10 | 45 |
| PTF 3/8*1/2 | 9.5 | 12.7 | 48 | 16 | 120 |
| PTF 1/2*5/8 | 12.7 | 15.85 | 39 | 13 | 155 |
| PTF 5/8*3/4 | 15.85 | 19.05 | 30 | 10 | 190 |
| PTF 3/4*7/8 | 19.05 | 22.2 | 30 | 10 | 220 |
| PTF 7/8*1 | 22.2 | 25.4 | 30 | 10 | 260 |

Custom sizes, colors, lengths are available with minimum quantity

FEP TUBING

Fluorinated Ethylene Propylene



Features:

- 1.Excellent material in production of small tubing of continuous lengths
- 2.Chemically inert to chemicals and solvents
- 3.Available in coiled, convoluted and heat-shrink construction
- 4.Working temperature 400°F(204°C)
5. FDA confirmed

FEP Tubing is the best and prior material in production of small diameter tubing of continuous lengths. Due to its clarity, it is widely used for flow monitoring. It also has better UV transmission ratings and superior vapor and gas permeability properties.

Applications:

- 1.Fluid transfer devices
- 2.Water processing systems
- 3.Transportation technology, electronics, components & insulators
- 4.Chemical & pharmaceutical manufacturing,
- 5.Food processing,
- 6.Environmental technology

Sizes

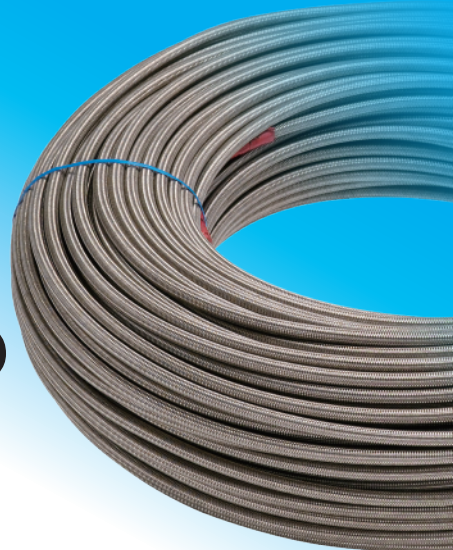
| PART NO. | ID (mm) | OD (mm) | BURST PRESSURES(kgf/cm ²) | WORKING PRESSURE(kgf/cm ²) | WEIGH (g/m) |
|--------------|------------|------------|--|---|----------------|
| FEP 0204 | 2 | 4 | 100 | 33 | 21 |
| FEP 0406 | 4 | 6 | 65 | 22 | 34 |
| FEP 0608 | 6 | 8 | 448 | 16 | 48 |
| FEP 0810 | 8 | 10 | 36 | 12 | 62 |
| FEP 0912 | 9 | 12 | 48 | 16 | 106 |
| FEP 5/32*1/4 | 4 | 6.35 | 74 | 25 | 43 |
| FEP 3/16*1/4 | 4.75 | 6.35 | 47 | 16 | 30 |
| FEP 1/4*3/8 | 6.4 | 9.53 | 66 | 22 | 85 |
| FEP 5/16*3/8 | 8 | 9.53 | 30 | 10 | 45 |
| FEP 3/8*1/2 | 9.5 | 12.7 | 48 | 16 | 120 |
| FEP 1/2*5/8 | 12.7 | 15.85 | 39 | 13 | 155 |
| FEP 5/8*3/4 | 15.85 | 19.05 | 30 | 10 | 190 |
| FEP 3/4*7/8 | 19.05 | 22.2 | 30 | 10 | 220 |
| FEP 7/8*1 | 22.2 | 25.4 | 30 | 10 | 260 |

Custom sizes, colors, lengths are available with minimum quantity

PTFE FLEXIBLE HOSE with SS304 WIRE BRAID SMOOTHBORE

Features:

- 1.Extreme flexibility.
- 2.High durability.
- 3.Low maintenance.
- 4.Chemically inert.



We offer PTFE flexible hose in a variety of configurations. The hose innercore is offered in smooth bore and convoluted with an outer braid. Type 304 stainless steel wire braid is the reinforcement currently being used. Smoothbore hose is widely used in the applications wherever high temperature resistance, low expansion rates and resistance to internal fluids are required, such as oils, fuels...etc.

Applications:

Motorcycle , truck, bus brake hoses. Food processing, Pharmaceutical, Chemical, Petrochemical industries...etc, anywhere that the limitations of rubber, metal and synthetic hoses make PTFE hose the only solution.

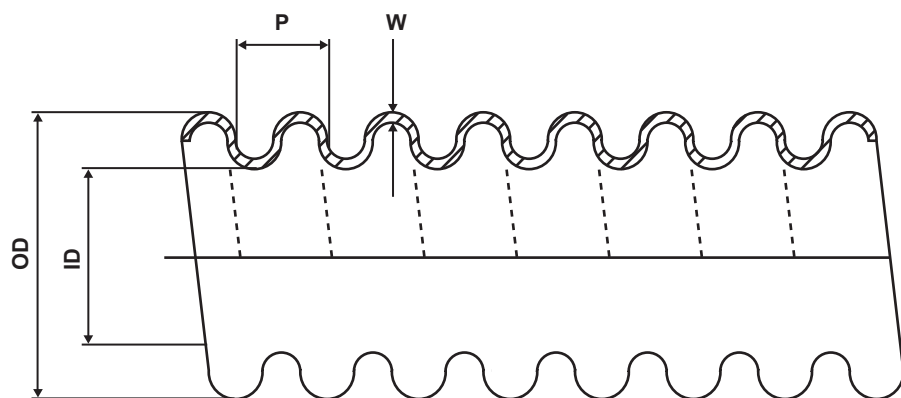
Sizes

| PART NO. | WALL THK (mm) | ID (mm) | OD (mm) | Max W.P. MPa | Min B.P. MPa | MIN.BEND RADIUS (mm) |
|----------|------------------|------------|------------|-----------------|-----------------|-------------------------|
| FSS-03 | 0.8 | 3.2 | 6.1 | 27.5 | 110 | 50 |
| FSS-04 | 0.8 | 5.0 | 7.8 | 20 | 80 | 50 |
| FSS-05 | 0.8 | 6.4 | 9.4 | 17.5 | 70 | 75 |
| FSS-06 | 0.8 | 8 | 11.2 | 15 | 60 | 100 |
| FSS-07 | 0.8 | 9.5 | 12.8 | 13.5 | 54 | 115 |
| FSS-08 | 0.8 | 10.3 | 13.6 | 13 | 52 | 130 |
| FSS-10 | 0.8 | 12.7 | 16 | 12 | 48 | 165 |
| FSS-12 | 1 | 15.9 | 19.2 | 10 | 40 | 195 |
| FSS-14 | 1 | 19.1 | 22.5 | 9 | 36 | 205 |
| FSS-16 | 1 | 22.2 | 26 | 7 | 28 | 225 |
| FSS-18 | 12 | 25.4 | 29.4 | 6 | 24 | 250 |

Custom sizes, colors, lengths are available with minimum quantity

PTFE

PTFE Flexible Convoluted Tubing



OD=Outside Diam
ID=Inside Diam
P=Pitch
W=Wall Thickness

PTFE flexible convoluted tubing is performed by manufacturing tubing with a better number of convolutions in a certain pitch. These convolutions allow the tubing to flex without kinking around tighter bend diameters.

Stainless steel wire braid PTFE TUBING is also available. The tubing performs well in high pressure applications. PTFE and FEP are FDA compliant materials, it is very popular in the food, medical, chemical and all kinds of industries.

Temperature Range:

-60°C + 260 °C (static - 200 °C)

Sizes

| PART NO. | SIZE | WALL | ID(mm) | OD(mm) | Pitch(mm) | Bend radius |
|----------|--------|------|--------|--------|-----------|-------------|
| FCO-06 | 3/8" | 0.8 | 10 | 14.5 | 5 | 25 |
| FCO-08 | 1/2" | 0.8 | 13 | 18 | 6 | 35 |
| FCO-12 | 3/4" | 0.9 | 20 | 28 | 8 | 50 |
| FCO-16 | 1" | 1 | 25 | 34 | 8 | 60 |
| FCO-20 | 1 1/4" | 1.1 | 32 | 42 | 10 | 80 |
| FCO-24 | 1 1/2" | 1.2 | 37 | 47 | 10 | 100 |

Custom sizes, colors, lengths are available with minimum quantity