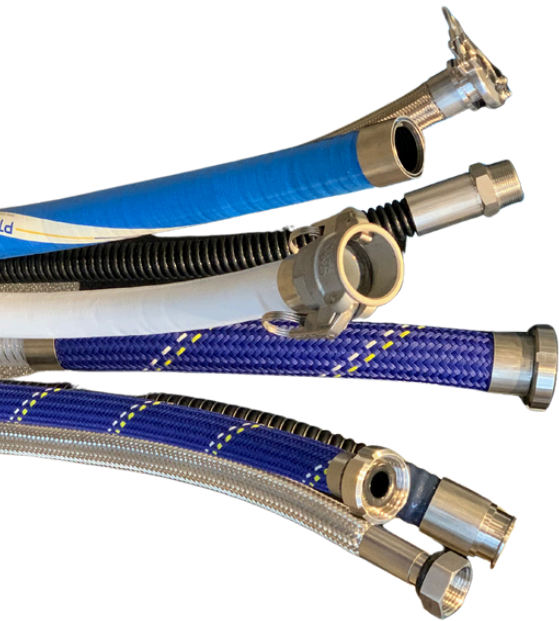


# PTFE

# Flexible Hoses



# PTFE Flexible Hose



**Anti-Static Hygiene Fitting**  
Quick to Fasten and Unfasten



**Fully Lined Through PTFE**  
Ensures media only comes into contact with PTFE



**100% Individually tested at 1.5x Working Pressure**  
No leakage, cracking, distortion or other failures

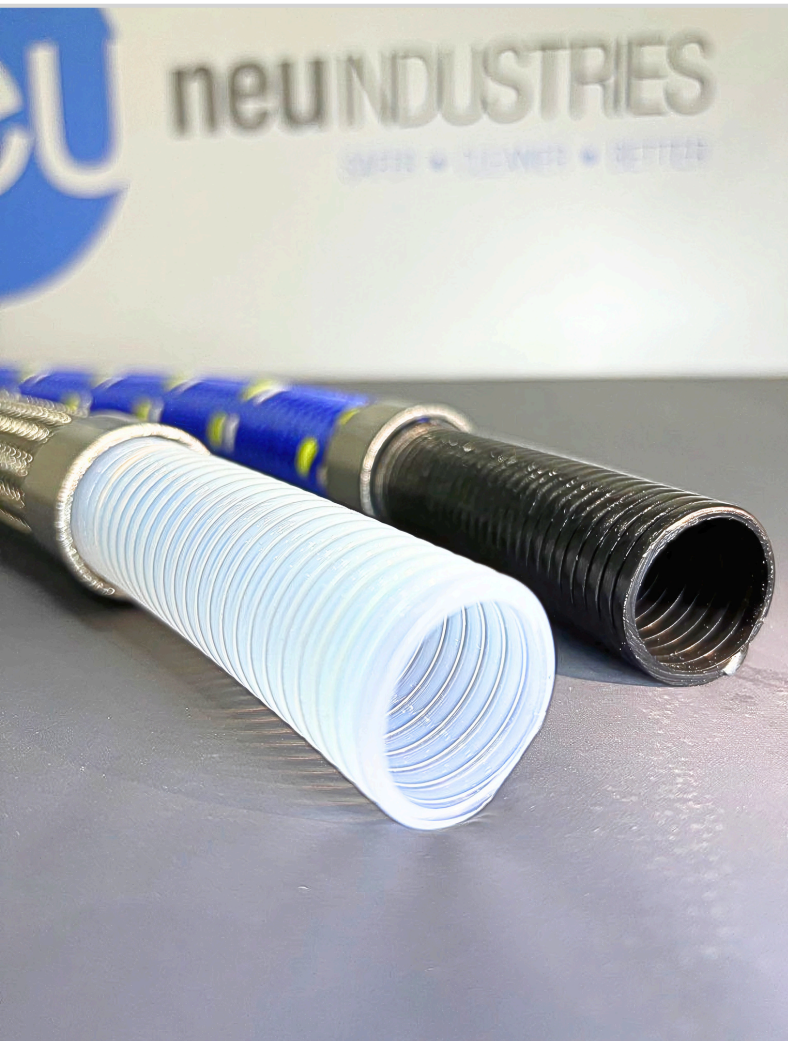
Our PTFE flexible hoses are engineered to deliver reliable performance in a wide range of challenging applications. With a PTFE inner core, these hoses offer outstanding resistance to chemicals, high temperatures, and wear, making them ideal for industries like chemical processing, pharmaceuticals, food and beverage and automotive.

The hoses meet ISO 9001 (UKAS, ISOQAR) for quality management, 3A Sanitary Standards for hygiene, and USP/FDA approvals for medical and food safety. ATEX certification ensures safe use in explosive environments.

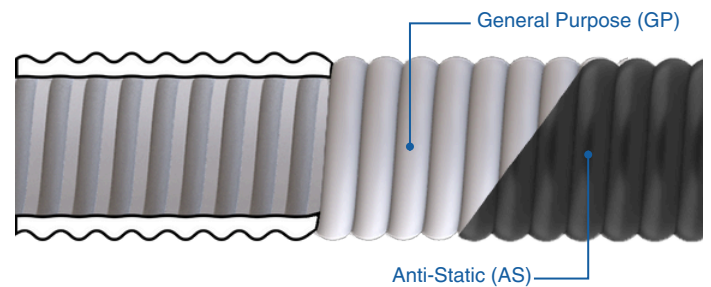
Compliant to EN 10204 test certification and ISO 9001:2015



# Inner Walls of Hose

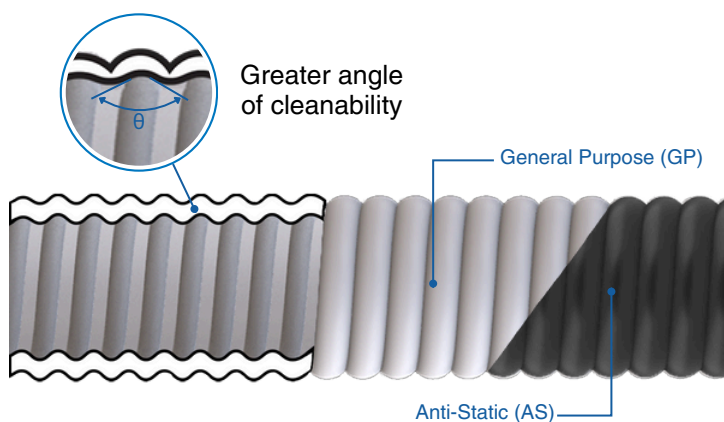


## Smoothbore Convoluted (SC) - Internally smooth



The SC Series is a highly flexible PTFE hose featuring an internally smooth and externally convoluted design. It is specifically engineered for space constraints and flexibility while ensuring an uninterrupted flow and ease of cleaning. The hose is available with FDA-approved Natural (GP) or Anti-static (AS) PTFE tubes. Additionally, it can be fitted with PTFE-lined 'Flared/Tafted' fittings, which enhance cleanliness, eliminate potential contamination points, and improve the effectiveness of clean-in-place (CIP) processes.


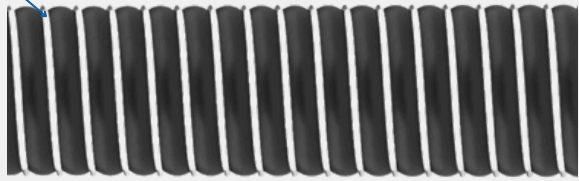
## Heavy Wall Convoluted (HC) - Internally corrugated



The HC Series is a heavy-wall extruded convoluted hose widely used in the process industry. Designed for aggressive media, it features a self-cleaning structure and the ability to be lined through the fittings, ensuring a hygienic environment for applications where cleanliness is essential. This design also safeguards fittings against corrosion when transferring aggressive media, providing durability and reliability in demanding industrial conditions.

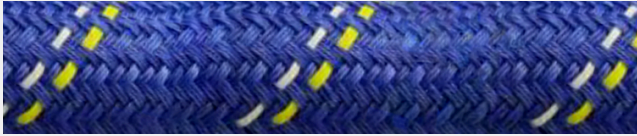


# Anti-static and Static Dissipation


<p><b>General Purpose (GP)</b></p>  <ul style="list-style-type: none"><li>• Highly chemical-resistant for aggressive fluids</li><li>• Withstands extreme temperatures</li><li>• High-performance PTFE material</li></ul>	<p><b>Anti-Static (AS)</b></p> <p>Minimal carbon dislodging FDA Compliant; ≤2.5% carbon black</p>  <ul style="list-style-type: none"><li>• Conductive lining prevents static buildup</li><li>• Safe for flammable and volatile fluids</li><li>• Reduces ignition risk in high-risk environments</li></ul>
---	---


## Types of Braids

**Polypropylene Braid (PB)**




**Stainless Steel 316 Braid (S6)**



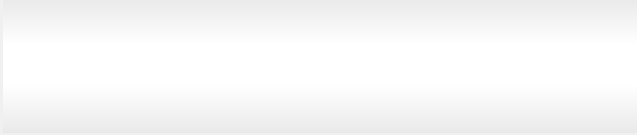
 ATEX rated

**Kynar Braid (KB)**




## Protection Covers


**Silicone Cover (S)**




**Rubber Cover (R)**




**Stainless Steel Armour Guard (A)**



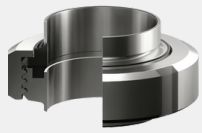
**Stainless Steel Coil (C)**



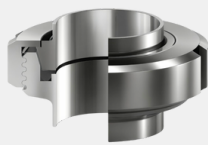
**EPDM Spiral Guard (P)**



# End fittings



SMS



DIN11851



NPT



BSP



JIC

\*SMS = Swedish Milk Standard | NPT = National Pipe Thread | BSPT = British Standard Pipe, Parallel or Tapered available | JIC = Joint Industry Council



BSP Hex Union



Camlock



Tri-Clamp



RJT



ASA 150 Flange

\*BSP Hex Union, Conical or Flat seal available | Tri-Clamp = Tri-Clover or DIN 32676 | RJT = Ring Joint Type | ASA 150 Flange with bolts and nuts

# Labelling

## Heat Shrink Sleeve



## Colour Marking



Applicable only to Silicone (SI) rubber-covered with stainless steel (SS) braid

## Colour Spiral



Available colours:



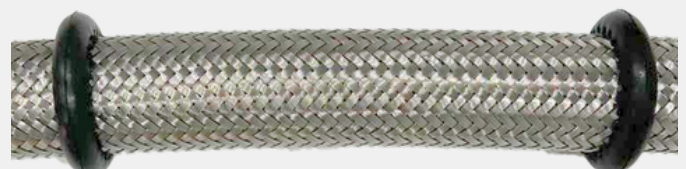
## Laser Etching



### Example of Hose Label:

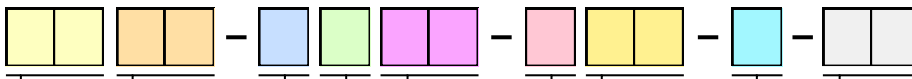
Name, Hose Size, Serial Number, Manufacturing Date, Contact, CE Mark, etc. Specify labelling upon request.

## Scuff Rings



Shock absorber protecting the hose from external impacts

# Ordering Code



- Length of Hose**  
 1 = 1.0M  
 1.5 = 1.5M  
 2 = 2.0M  
 .  
 10 = 10M
- Colour**  
 BK = Black  
 BU = Blue  
 BR = Brown  
 CL = Clear  
 GN = Green  
 GY = Grey  
 OR = Orange  
 RD = Red  
 WH = White  
 YL = Yellow  
 " " = None
- End fittings**  
 01 = ASA 150 Flange  
 02 = BSPP (British Standard Pipe Parallel)  
 03 = BSPT (British Standard Pipe Tapered)  
 04 = Camlock  
 05 = DIN11851  
 06 = Hex Union, Conical Seal  
 07 = Hex Union, Flat Seal  
 08 = JIC (Joint Industry Council)  
 09 = NPT (National Pipe Thread)  
 10 = Ring Joint Type  
 11 = Swedish Standard  
 12 = Tri-Clamp/ Tri-Clover / DIN 32676

- Protection Cover**  
 S = Silicone (Colour)  
 C = Stainless Steel Coil  
 P = Spiral Guard (Colour)  
 R = Rubber (Colour)  
 A = Armour Guard  
 " " = No Cover

- Type of Braid**  
 KB = Kynar (Colour)  
 PB = Polypropylene (Colour)  
 S6 = Stainless Steel 316  
 TO = Tube Only, No Braid

- Vacuum wire**  
 V = Vacuum Wire  
 " " = No Vacuum Wire

- Anti-static and Static Dissipation**  
 A = Anti-static  
 G = General Purpose

**Inner Diameter of Hose**

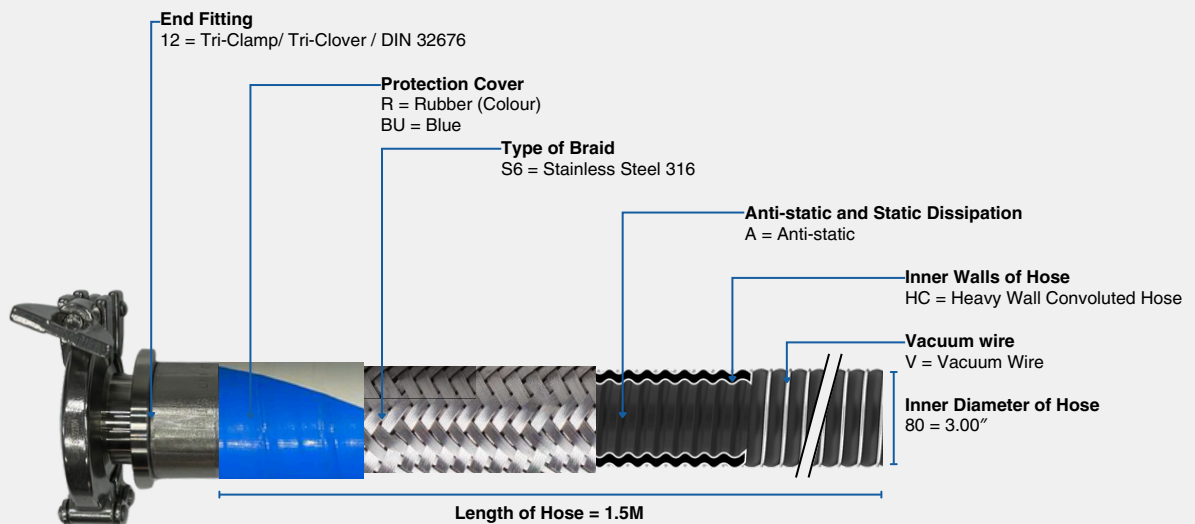
- 6 = 1/4"
- 10 = 3/8"
- 12 = 1/2"
- 16 = 5/8"
- 20 = 3/4"
- 25 = 1.00"
- 32 = 1.25"
- 40 = 1.50"
- 45 = 1.75"
- 50 = 2.00"
- 65 = 2.50"
- 80 = 3.00"
- 100 = 4.00"
- 150 = 6.00"

**Inner Walls of Hose**

- HC = Heavy Wall Convoluted Hose
- SC = Smoothbore Convoluted Hose

## EXAMPLE

HC80-AVS6-RBU-1.5-12



# Smoothbore Convoluted PTFE Hose

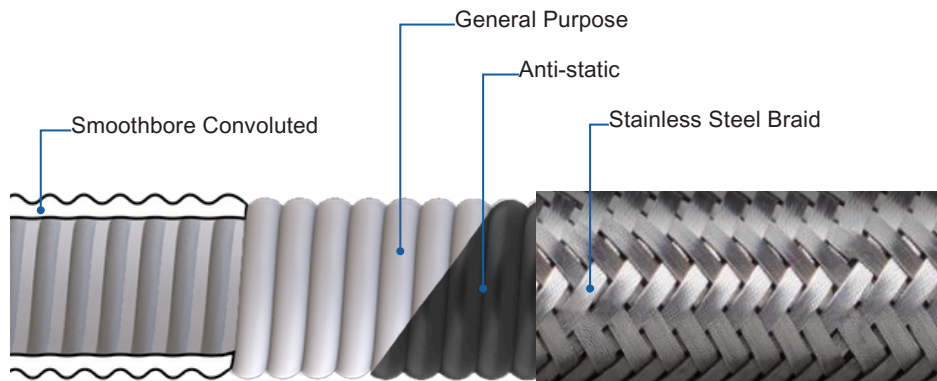
## Stainless Steel Braid

### Application

Used globally in applications that require the utmost cleanliness, the Smoothbore Convoluted liner and heavier wall make it more suited to the arduous applications found in the process plant industries – Pharmaceutical, Biopharmaceutical, Chemical, Food and Beverage, and clean environments. The Stainless Steel 304/316 braid adds strength to the hose, providing additional support for applications that require higher pressure or enhanced durability.



Stainless Steel Braid Smoothbore



<b>Design</b>	Smoothbore Convoluted PTFE tube with Stainless Steel 304 / 316 braid.
<b>Inner layer</b>	General Purpose or Anti-Static Smoothbore Convoluted PTFE Tube
<b>Type of Braid</b>	Stainless Steel 304/316 Braid
<b>Temperature Range</b>	-60 C / +260 C
<b>Material</b>	PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

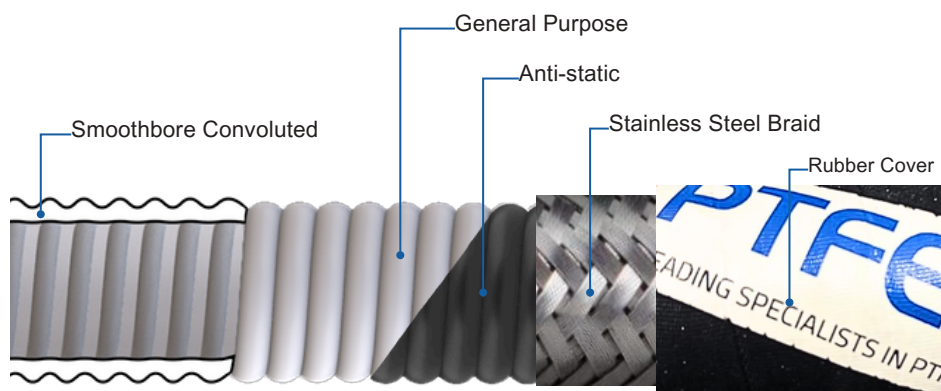
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)
1/2"	13.4	18	1.6	38	60	240
3/4"	19.1	24.1	1.8	50	60	240
7/8"	21	27	2.1	55	55	220
1.00"	25.5	31.4	2.2	70	50	200
1.25"	31.8	39.3	2.65	100	45	180
1.50"	38.1	46.1	3	140	40	160
2.00"	49.5	58.2	4	280	30	120

# Smoothbore Convoluted PTFE Hose

## Stainless Steel Braid, Rubber Cover

### Application

Used globally in applications that require the utmost cleanliness, the Smoothbore Convoluted liner and heavier wall make it more suited to the arduous applications found in the process plant industries – Pharmaceutical, Biopharmaceutical, Chemical, Food and Beverage, and clean environments. The Stainless Steel 304/316 braid provides additional strength, making the hose suitable for higher pressure applications. The EPDM rubber cover makes the hose much more rugged for harsh external environments.



- Design** Smoothbore convoluted PTFE tube with Stainless Steel 304 / 316 braid and a vulcanised EPDM rubber cover – BLUE / BLACK.
- Inner layer** General Purpose or Anti-Static Smoothbore Convoluted PTFE Tube
- Type of Braid** Stainless Steel 304/316 Braid and EPDM vulcanised rubber cover – BLUE / BLACK
- Temperature Range** -40 C / +150 C
- Material** PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)
1/2"	13.4	23	1.6	38	60	240
3/4"	19.1	29	1.8	50	60	240
7/8"	21	32	2.1	55	55	220
1.00"	25.5	36.5	2.2	70	50	200
1.25"	31.8	43.5	2.65	100	45	180
1.50"	38.1	50.8	3	140	45	80
2.00"	49.5	63.2	4	280	30	120

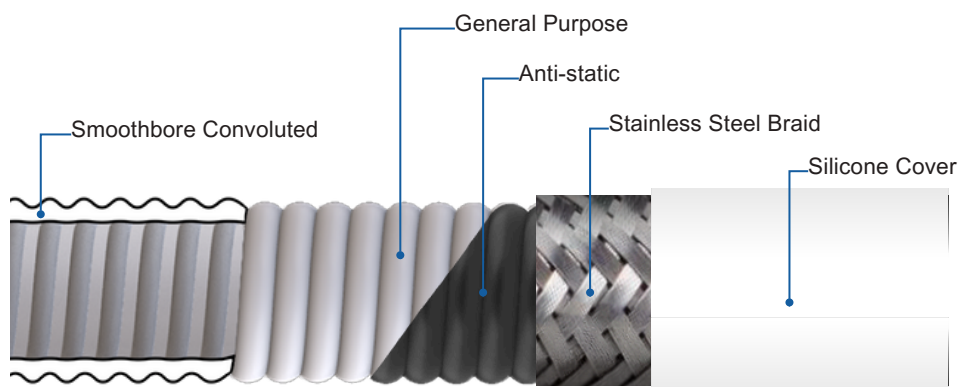


# Smoothbore Convoluted PTFE Hose

## Stainless Steel Braid, Silicone Cover

### Application

Used globally in applications that require the utmost cleanliness, the Smoothbore Convoluted liner and heavier wall make it more suited to the arduous applications found in the process plant industries – Pharmaceutical, Biopharmaceutical, Chemical, Food and Beverage, and clean environments. The Stainless Steel 304/316 braid provides additional strength and durability. The Silicone cover enables the hose to be cleaned externally, adding to the hygienic nature of certain applications.



**Design** Smoothbore convoluted PTFE tube with SS 304 / 316 braid and Silicone cover – WHITE / BLUE / YELLOW / RED

**Inner layer** General Purpose or Anti-Static Smoothbore Convoluted PTFE Tube

**Type of Braid** Stainless Steel 304/316 Braid and Silicone cover – WHITE / BLUE / YELLOW / RED.

**Temperature Range** -73 C / +204 C

**Material** PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

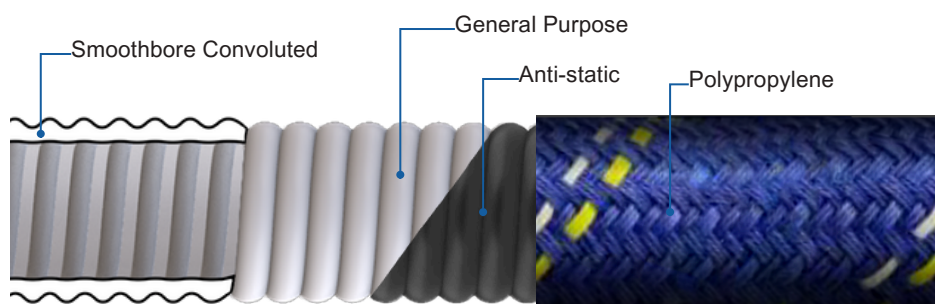
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)
1/2"	13.40	21.00	1.60	38.00	60.00	240.00
3/4"	19.10	27.00	1.80	50.00	60.00	240.00
7/8"	21.00	30.00	2.10	55.00	55.00	220.00
1.00"	25.50	34.50	2.20	70.00	50.00	200.00
1.25"	31.80	41.50	2.65	100.00	45.00	180.00
1.50"	38.10	48.80	3.00	140.00	45.00	180.00
2.00"	49.50	61.20	4.00	280.00	30.00	120.00

# Smoothbore Convoluted PTFE Hose

## Polypropylene Braid

### Application

Used globally in applications that require the utmost cleanliness, the Smoothbore Convoluted liner and heavier wall make it more suited to arduous applications found in the process plant industries – Pharmaceutical, Biopharmaceutical, Chemical, Food and Beverage, and clean environments. Polypropylene Braid is ideal for applications that require low pressure and/or lighter hoses, or if the media being transferred is not compatible with Stainless Steel 304 / 316 braid.



**Design** Smoothbore convoluted PTFE tube with Polypropylene Braid – BLUE, YELLOW, WHITE.

**Inner layer** General Purpose or Anti-Static Smoothbore Convoluted PTFE Tube

**Type of Braid** Polypropylene Braid – BLUE, YELLOW, WHITE

**Temperature Range** -60 C / +90 C

**Material** PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP(Bar)	BP(Bar)
1/2"	13.40	20.00	1.60	38.00	10.00	40.00
3/4"	19.10	25.00	1.80	50.00	10.00	40.00
7/8"	21.00	28.00	2.10	55.00	10.00	40.00
1.00"	25.50	32.50	2.20	70.00	10.00	40.00
1.25"	31.80	39.50	2.65	100.00	10.00	40.00
1.50"	38.10	46.80	3.00	140.00	10.00	40.00
2.00"	49.50	59.20	4.00	280.00	10.00	40.00

# Heavy Wall Convoluted PTFE Hose

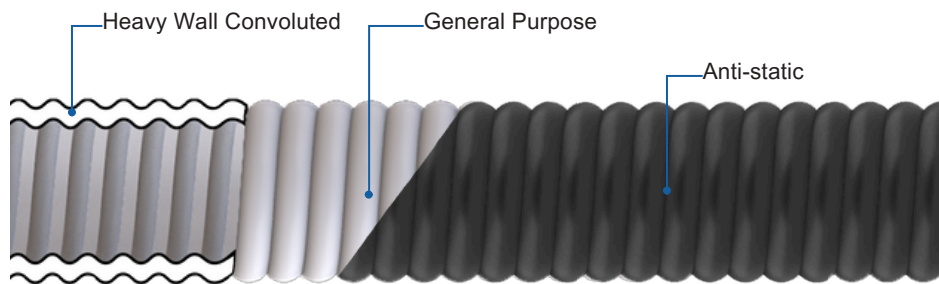
## Tube only

### Application

Used globally in applications that require the utmost cleanliness, and with its heavier wall, it is more suited to the arduous applications found in the process plant industry.



Heavy Wall Convoluted



<b>Design</b>	Heavy wall convoluted PTFE tube
<b>Inner layer</b>	General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube
<b>Outer Layer</b>	N/A
<b>Temperature Range</b>	-60 C / +260 C
<b>Material</b>	PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

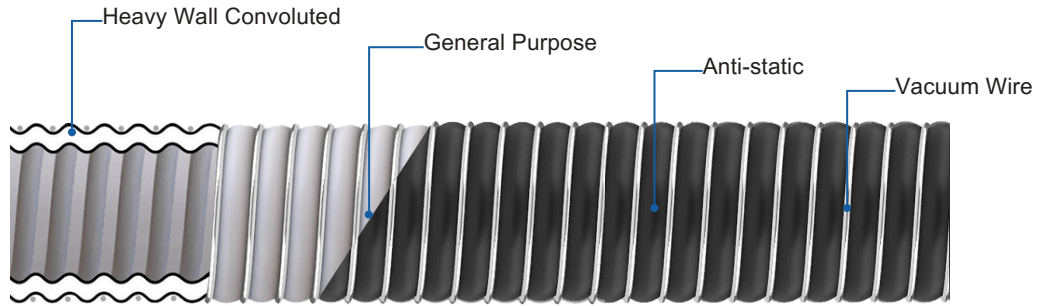
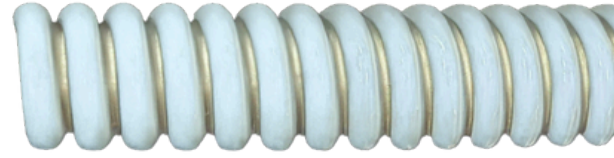
Size(")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/4"	7.00	11.68	0.76	18.00	4.00	16.00	744.00
3/8"	9.65	14.95	0.76	25.00	4.00	16.00	744.00
1/2"	13.08	17.90	0.89	40.00	4.00	16.00	887.00
5/8"	16.00	21.85	0.89	50.00	3.00	12.00	887.00
3/4"	19.00	26.40	1.00	60.00	3.00	12.00	887.00
1.00"	25.40	35.00	1.20	80.00	3.00	12.00	887.00
1.25"	31.00	41.00	1.20	100.00	2.50	10.00	887.00
1.50"	35.50	45.00	1.60	120.00	2.50	10.00	887.00
1.75"	44.00	55.00	1.60	135.00	2.00	8.00	887.00
2.00"	47.50	58.50	1.60	165.00	2.00	8.00	887.00
2.50"	60.25	76.25	1.60	230.00	1.50	6.00	887.00
3.00"	74.00	92.00	1.60	260.00	1.25	5.00	887.00
4.00"	98.00	121.30	1.82	300.00	1.00	4.00	887.00
6.00"	152.00	181.00	2.50	520.00	1.00	4.00	455.00

# Heavy Wall Convoluted PTFE Hose

## With Vacuum Wire

### Application

Used globally in applications that require the utmost cleanliness, and with its heavier wall, it is more suited to the arduous applications found in the process plant industry. The Stainless Steel 304 vacuum wire adds strength to the hose while also providing vacuum resistance.



<b>Design</b>	Heavy wall convoluted PTFE tube with Vacuum Wire
<b>Inner layer</b>	General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube
<b>Outer Layer</b>	Stainless Steel 304 Vacuum Wire
<b>Temperature Range</b>	-60 C / +260 C
<b>Material</b>	PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

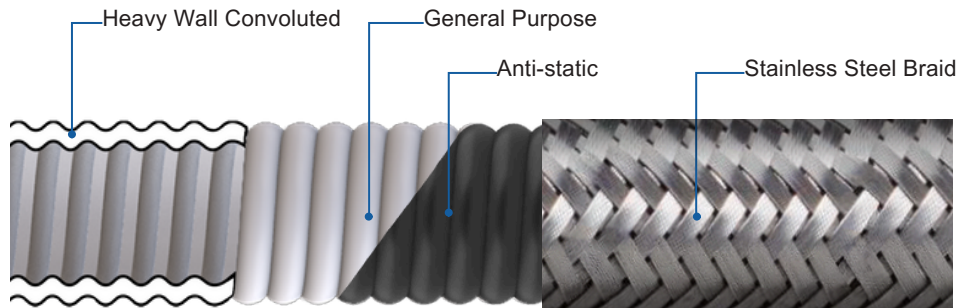
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/4"	7.00	11.68	0.76	18.00	4.00	16.00	744.00
3/8"	9.65	14.95	0.76	25.00	4.00	16.00	744.00
1/2"	13.08	17.90	0.89	40.00	4.00	16.00	887.00
5/8"	16.00	21.85	0.89	50.00	3.00	12.00	887.00
3/4"	19.00	26.40	1.00	60.00	3.00	12.00	887.00
1.00"	25.40	35.00	1.20	80.00	3.00	12.00	887.00
1.25"	31.00	41.00	1.20	100.00	2.50	10.00	887.00
1.50"	35.50	45.00	1.60	120.00	2.50	10.00	887.00
1.75"	44.00	55.00	1.60	135.00	2.00	10.00	887.00
2.00"	47.50	58.50	1.60	165.00	2.00	10.00	887.00
2.50"	60.25	76.25	1.60	230.00	1.50	6.00	887.00
3.00"	74.00	92.00	1.60	260.00	1.25	5.00	887.00
4.00"	98.00	121.30	1.82	300.00	1.00	4.00	887.00
6.00"	152.00	181.00	2.50	520.00	1.00	4.00	455.00

# Heavy Wall Convoluted PTFE Hose

## Stainless Steel Braid

### Application

Used globally in applications that require the utmost cleanliness, and with its heavier wall, it is more suited to the arduous applications found in the process plant industry. When the application involves higher pressure, a Stainless Steel Braid would be required.



**Design** Heavy wall convoluted PTFE tube with Stainless Steel 304/316 Braid

**Inner layer** General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube

**Outer Layer** Stainless Steel 304/316 Braid

**Temperature Range** -60 C / +260 C

**Material** PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

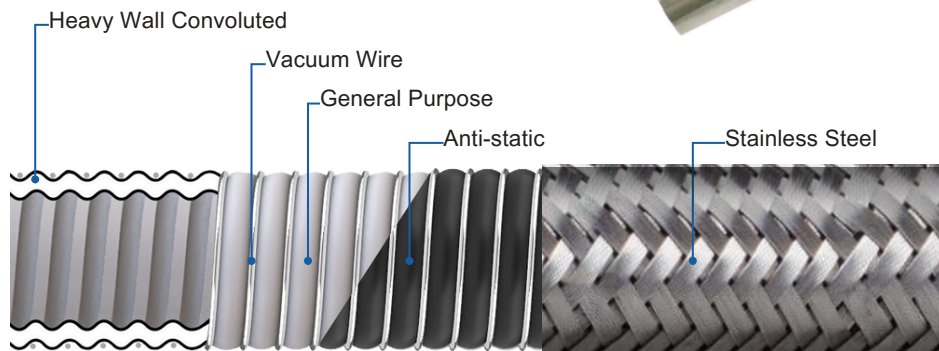
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/4"	7	12.68	0.76	18	60	180	744
3/8"	9.65	15.95	0.76	25	50	150	744
1/2"	13.08	18.9	0.89	40	45	135	887
5/8"	16	22.85	0.89	50	40	120	887
3/4"	19	27.4	1	60	40	120	887
1.00"	25.4	36	1.2	80	35	105	887
1.25"	31	42	1.2	100	35	105	887
1.50"	35.5	46	1.6	120	35	105	887
1.75"	44	56	1.6	135	25	75	887
2.00"	47.5	59.5	1.6	165	25	75	887
2.50"	60.25	77.25	1.6	230	14	42	887
3.00"	74	93	1.6	260	12	36	887
4.00"	98	122.3	1.82	300	10	30	887
6.00"	152	182	2.5	520	6	18	455

# Heavy Wall Convoluted PTFE Hose

With Vacuum Wire, Stainless Steel Braid

## Application

Used globally in applications that require the utmost cleanliness, and with its heavier wall, it is more suited to the arduous applications found in the process plant industry. The vacuum wire and Stainless Steel 304 / 316 braid provide vacuum resistance and support higher pressure in applications.



**Design** Heavy Wall Convoluted PTFE Tube with Vacuum Wire and Stainless Steel 304/316 Braid

**Inner layer** General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube

**Outer Layer** Stainless Steel 304 Vacuum wire and Stainless Steel 304/316 Braid

**Temperature Range** -60 C / +260 C

**Material** PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/4"	7.00	12.68	0.76	18.00	60.00	180.00	744.00
3/8"	9.65	15.95	0.76	25.00	50.00	150.00	744.00
1/2"	13.08	18.90	0.89	40.00	45.00	135.00	887.00
5/8"	16.00	22.85	0.89	50.00	40.00	120.00	887.00
3/4"	19.00	27.40	1.00	60.00	40.00	120.00	887.00
1.00"	25.40	36.00	1.20	80.00	35.00	105.00	887.00
1.25"	31.00	42.00	1.20	100.00	35.00	105.00	887.00
1.50"	35.50	46.00	1.60	120.00	35.00	105.00	887.00
1.75"	44.00	56.00	1.60	135.00	25.00	75.00	887.00
2.00"	47.50	59.50	1.60	165.00	25.00	75.00	887.00
2.50"	60.25	77.25	1.60	230.00	14.00	42.00	887.00
3.00"	74.00	93.00	1.60	260.00	12.00	36.00	887.00
4.00"	98.00	122.30	1.82	300.00	10.00	30.00	887.00
6.00"	152.00	182.00	2.50	520.00	6.00	18.00	455.00

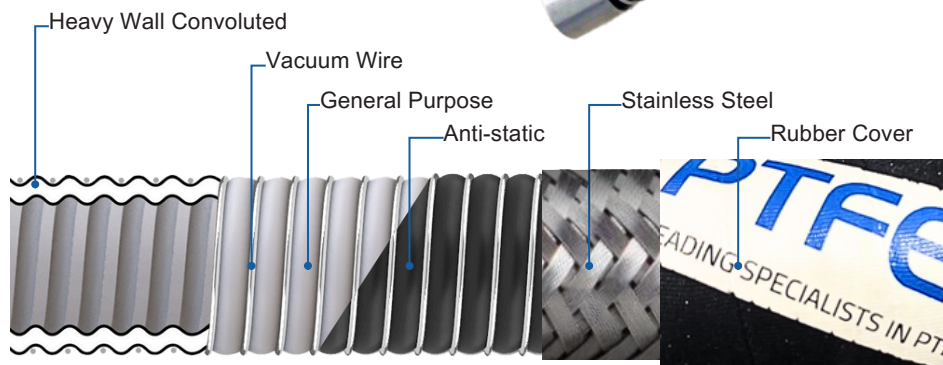
Heavy Wall Convoluted  
Vacuum Wire  
Stainless Steel Braid

# Heavy Wall Convoluted PTFE Hose

With Vacuum Wire, Stainless Steel Braid, Rubber Cover

## Application

Used globally in applications requiring utmost cleanliness, the heavier wall makes it suited for demanding process plant applications. The vacuum wire provides vacuum resistance, while the Stainless Steel 304/316 braid adds strength and supports higher pressure. The EPDM rubber cover enhances durability in harsh environments.



**Design** Heavy Wall Convoluted PTFE Tube with Vacuum Wire, Stainless Steel 304/316 Braid, and a Vulcanized EPDM Rubber Cover – BLUE/BLACK

**Inner layer** General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube

**Outer Layer** Stainless Steel 304 Vacuum Wire and Stainless Steel 304/316 Braid. EPDM Vulcanized Rubber Cover – BLUE/BLACK

**Temperature Range** -40 C / +150 C

**Material** PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

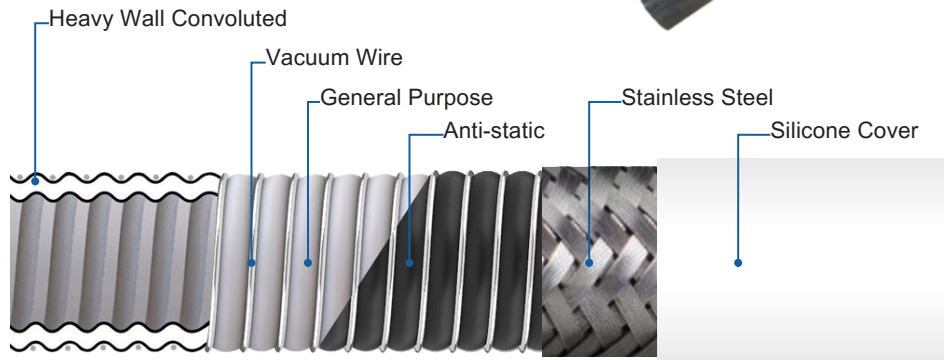
Size (")	ID Nominal(mm)	OD Nominal(mm)	Wall Thickness (mm)	MBR (mm)	MWP(Bar)	BP(Bar)	Vacuum (mBar)
1/2"	13.08	24.90	0.89	40.00	45.00	135.00	887.00
5/8"	16.00	28.85	0.89	50.00	40.00	120.00	887.00
3/4"	19.00	33.40	1.00	60.00	40.00	120.00	887.00
1.00"	25.40	42.00	1.20	80.00	35.00	105.00	887.00
1.25"	31.00	48.00	1.20	100.00	35.00	105.00	887.00
1.50"	35.50	52.00	1.60	120.00	35.00	105.00	887.00
1.75"	44.00	62.00	1.60	135.00	25.00	75.00	887.00
2.00"	47.50	65.50	1.60	165.00	25.00	75.00	887.00
2.50"	60.25	83.25	1.60	230.00	14.00	42.00	887.00
3.00"	74.00	99.00	1.60	260.00	12.00	36.00	887.00
4.00"	98.00	128.30	1.82	300.00	10.00	30.00	887.00
6.00"	152.00	188.00	2.50	520.00	6.00	18.00	455.00

# Heavy Wall Convoluted PTFE Hose

With Vacuum Wire, Stainless Steel Braid, Silicone Cover

## Application

Used globally in applications requiring cleanliness, the heavier wall suits demanding process plant applications. The vacuum wire offers vacuum resistance, while the Stainless Steel 304/316 braid adds strength and supports higher pressure. The Silicone cover allows for easy external cleaning, enhancing hygiene.



**Design** Heavy Wall Convoluted PTFE Tube with Vacuum Wire, Stainless Steel 304/316 Braid and Silicone cover – WHITE / BLUE / YELLOW / RED

**Inner layer** General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube

**Outer Layer** Stainless Steel 304 Vacuum Wire and Stainless Steel 304/316 Braid. Silicone cover – WHITE / BLUE / YELLOW / RED

**Temperature Range** -73 C / +224 C

**Material** PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/2"	13.08	20.90	0.89	40.00	45.00	135.00	887.00
5/8"	16.00	24.85	0.89	50.00	40.00	120.00	887.00
3/4"	19.00	29.40	1.00	60.00	40.00	120.00	887.00
1.00"	25.40	39.00	1.20	80.00	35.00	105.00	887.00
1.25"	31.00	45.00	1.20	100.00	35.00	105.00	887.00
1.50"	35.50	49.00	1.60	120.00	35.00	105.00	887.00
1.75"	44.00	59.00	1.60	135.00	25.00	75.00	887.00
2.00"	47.50	62.50	1.60	165.00	25.00	75.00	887.00
2.50"	60.25	80.25	1.60	230.00	14.00	42.00	887.00
3.00"	74.00	96.00	1.60	260.00	12.00	36.00	887.00
4.00"	98.00	125.30	1.82	300.00	10.00	30.00	887.00
6.00"	152.00	185.00	2.50	520.00	6.00	18.00	455.00

Heavy Wall Convoluted  
Vacuum Wire  
Stainless Steel Braid  
Silicone Cover

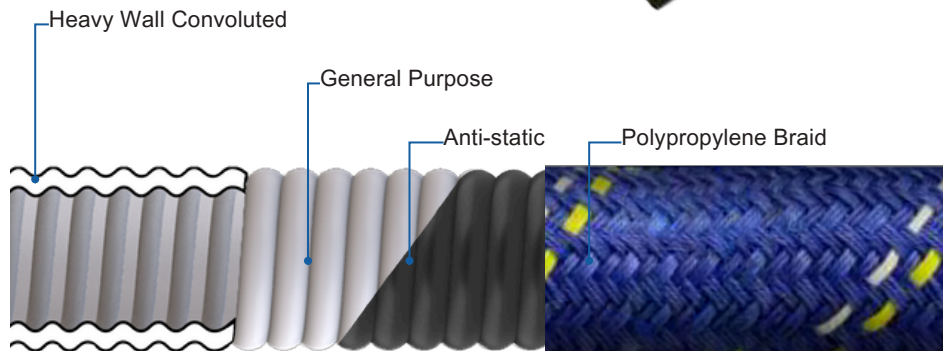


# Heavy Wall Convoluted PTFE Hose

## Polypropylene Braid

### Application

Used globally in applications that require the utmost cleanliness, and with its heavier wall, it is more suited to the arduous applications found in the process plant industry. Polypropylene Braid is ideal when the application requires low pressure and/or a lighter weight hose, or if the media being transferred is not compatible with Stainless Steel 304 / 316 braid.



<b>Design</b>	Heavy wall convoluted PTFE tube with Polypropylene braid – BLUE, YELLOW, WHITE
<b>Inner layer</b>	General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube
<b>Outer Layer</b>	Polypropylene braid – BLUE, WHITE, YELLOW
<b>Temperature Range</b>	-60 C / +90 C
<b>Material</b>	PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

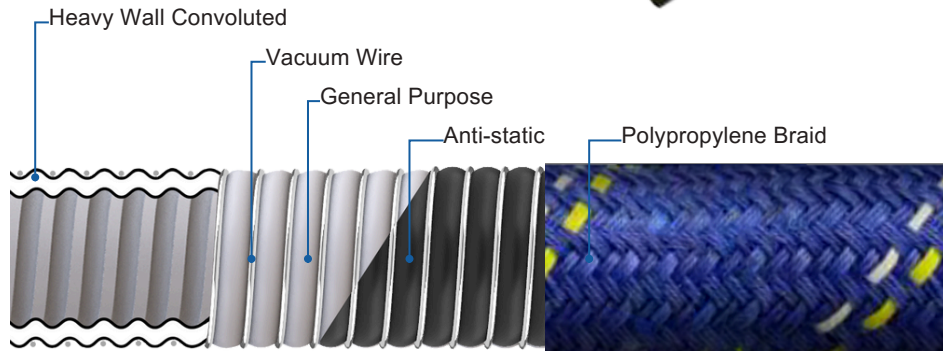
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
3/8"	9.65	18.45	0.89	30.00	10.00	40.00	887.00
1/2"	13.08	21.90	0.89	40.00	10.00	40.00	887.00
5/8"	16.00	25.85	0.89	50.00	10.00	40.00	887.00
3/4"	19.00	30.40	1.00	60.00	10.00	40.00	887.00
1.00"	25.40	40.00	1.20	80.00	10.00	40.00	887.00
1.25"	31.00	46.00	1.20	100.00	10.00	40.00	887.00
1.50"	35.50	50.00	1.60	120.00	10.00	40.00	887.00
1.75"	44.00	61.00	1.60	135.00	10.00	40.00	887.00
2.00"	47.50	65.50	1.60	165.00	10.00	40.00	887.00
2.50"	60.25	87.25	1.60	230.00	10.00	40.00	887.00
3.00"	74.00	99.00	1.60	260.00	7.00	28.00	887.00
4.00"	98.00	133.30	1.82	300.00	6.00	24.00	887.00

# Heavy Wall Convoluted PTFE Hose

## with Vacuum Wire Polypropylene Braid

### Application

Used globally in applications requiring cleanliness, the heavier wall suits demanding process plant industries. The vacuum wire provides vacuum resistance, and Polypropylene Braid is ideal for low-pressure, lighter weight applications or when media is incompatible with Stainless Steel 304 / 316 braid.



- Design** Heavy Wall Convoluted PTFE Tube with Stainless Steel 304 Vacuum Wire and Polypropylene Braid – BLUE, YELLOW, WHITE
- Inner layer** General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube
- Outer Layer** Stainless Steel 304 Vacuum Wire and Polypropylene Braid – BLUE, WHITE, YELLOW
- Temperature Range** -60 C / +90 C
- Material** PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

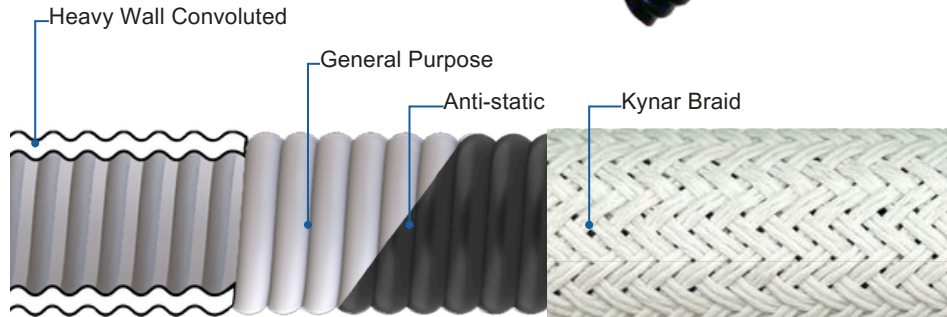
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
3/8"	9.65	18.45	0.89	30.00	10.00	40.00	887.00
1/2"	13.08	21.90	0.89	40.00	10.00	40.00	887.00
5/8"	16.00	25.85	0.89	50.00	10.00	40.00	887.00
3/4"	19.00	30.40	1.00	60.00	10.00	40.00	887.00
1.00"	25.40	40.00	1.20	80.00	10.00	40.00	887.00
1.25"	31.00	46.00	1.20	100.00	10.00	40.00	887.00
1.50"	35.50	50.00	1.60	120.00	10.00	40.00	887.00
1.75"	44.00	61.00	1.60	135.00	10.00	40.00	887.00
2.00"	47.50	65.50	1.60	165.00	10.00	40.00	887.00
2.50"	60.25	87.25	1.60	230.00	10.00	40.00	887.00
3.00"	74.00	99.00	1.60	260.00	7.00	28.00	887.00
4.00"	98.00	133.30	1.82	300.00	6.00	24.00	887.00

# Heavy Wall Convoluted PTFE Hose

## with Kynar Braid

### Application

Used globally in applications that require the utmost cleanliness, and with its heavier wall, it is more suited to the arduous applications found in the process plant industry. Kynar (PVDF) braid is ideal when the application requires low pressure and/or a lighter weight hose, or if the media being transferred is not compatible with Stainless Steel 304 / 316 braid.



**Design** Heavy wall convoluted PTFE tube with Kynar (PVDF) braid – WHITE

**Inner layer** General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube

**Outer Layer** Kynar (PVDF) braid – WHITE

**Temperature Range** -70 C / +150 C

**Material** PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/2"	13.08	21.90	0.89	40.00	10.00	40.00	887.00
5/8"	16.00	25.85	0.89	50.00	10.00	40.00	887.00
3/4"	19.00	30.40	1.00	60.00	10.00	40.00	887.00
1.00"	25.40	40.00	1.20	80.00	10.00	40.00	887.00
1.25"	31.00	46.00	1.20	100.00	10.00	40.00	887.00
1.50"	35.50	50.00	1.60	120.00	10.00	40.00	887.00
1.75"	44.00	61.00	1.60	135.00	10.00	40.00	887.00
2.00"	47.50	65.50	1.60	165.00	10.00	40.00	887.00
2.50"	60.25	87.25	1.60	230.00	10.00	40.00	887.00
3.00"	74.00	99.00	1.60	260.00	7.00	28.00	887.00
4.00"	98.00	133.30	1.82	300.00	6.00	24.00	887.00



**neu**INDUSTRIES  
SAFER • CLEANER • BETTER



**NEU Industries Pte Ltd**  
132 Joo Seng Rd, #04-01. Singapore 368358  
Tel +65 6817 8969  
sales@neuindustries.com | www.neuindustries.com