

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

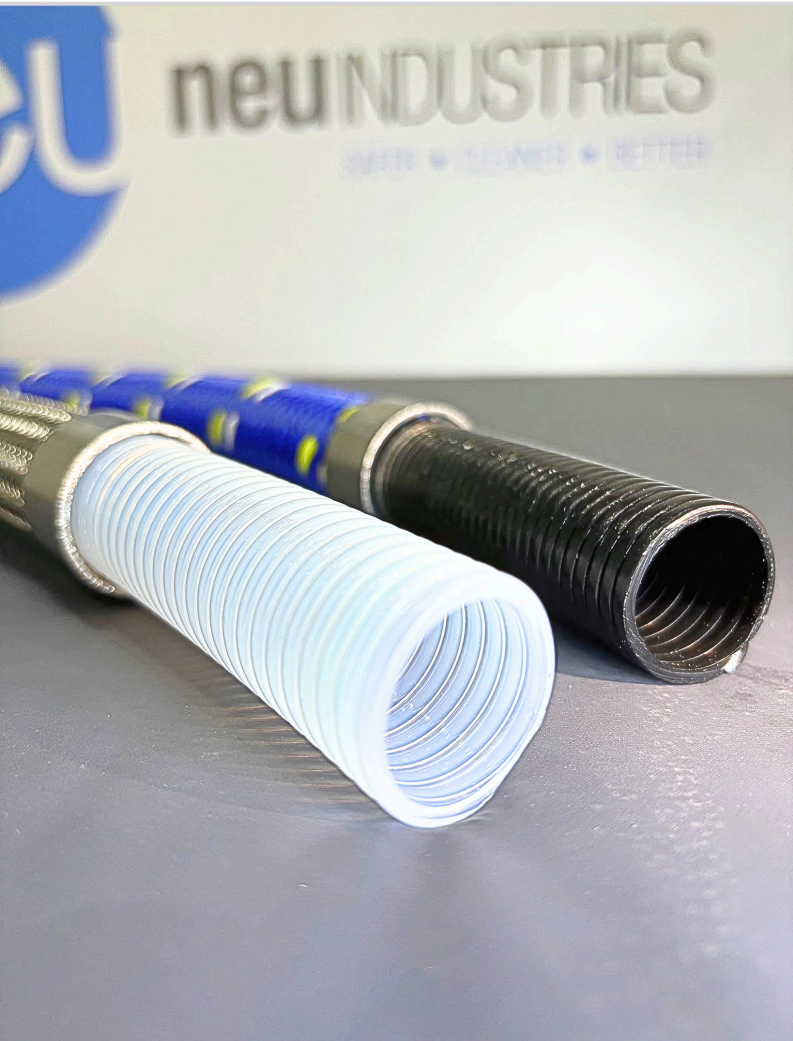
No leakage, cracking, distortion or other failures

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.

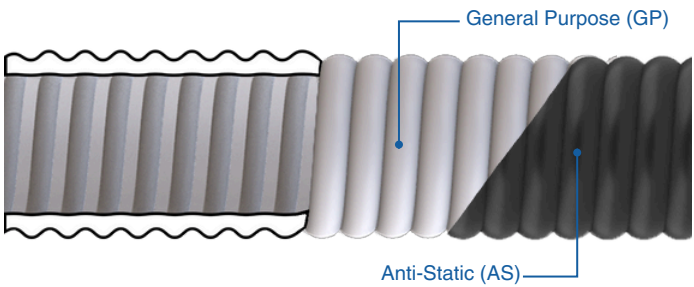
The hoses meet ISO 9001 (UKAS, ISOQAR) for quality management, 3A Sanitary Standards for hygiene, and USP/FDA approvals for medical and food safety. ATEX certification ensures safe use in explosive environments.

Compliant to EN 10204 test certification and ISO 9001:2015

Inner Walls of Hose

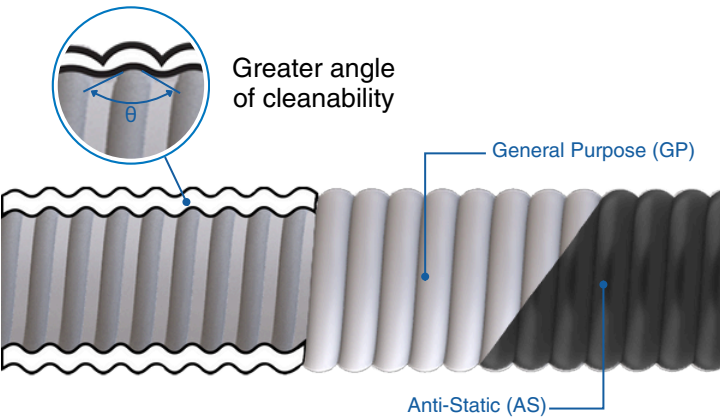


Smoothbore Convoluted (SC) - Internally smooth

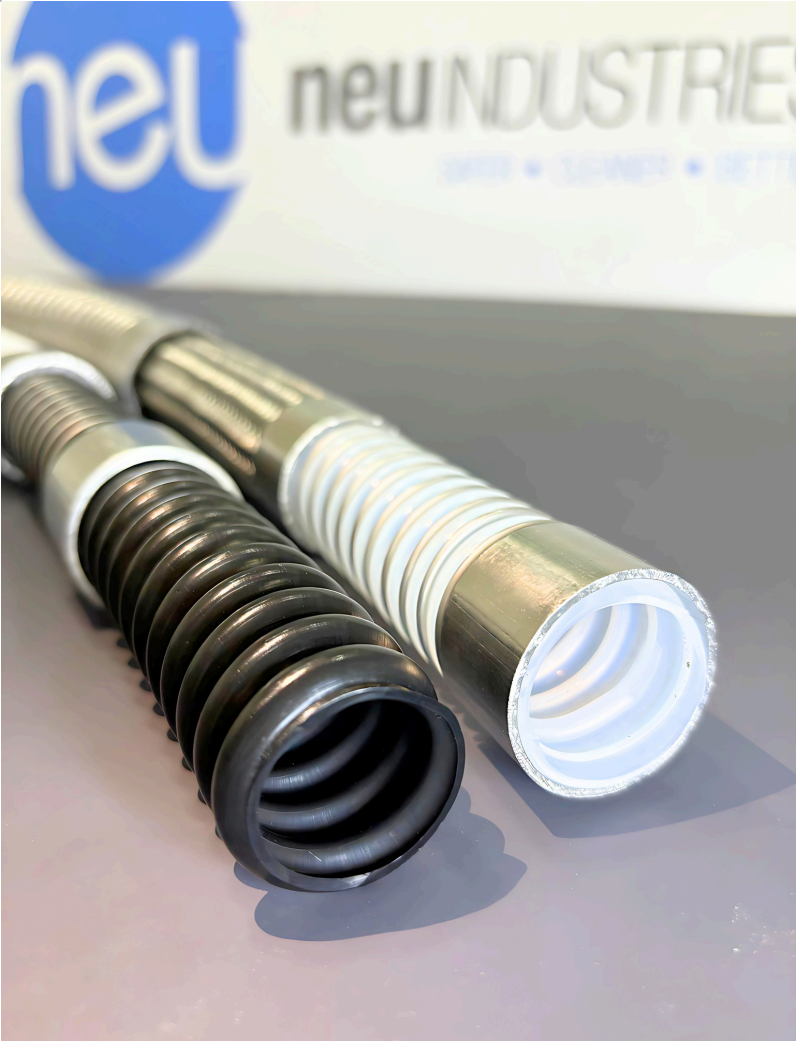


The SC Series is a highly flexible PTFE hose featuring an internally smooth and externally convoluted design. It is specifically engineered for space constraints and flexibility while ensuring an uninterrupted flow and ease of cleaning. The hose is available with FDA-approved Natural (GP) or Anti-static (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

General Purpose (GP)



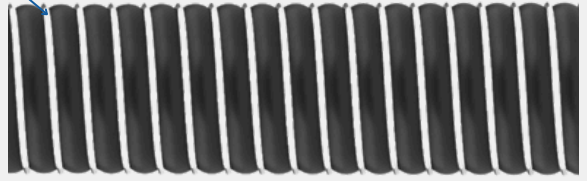
- Highly chemical-resistant for aggressive fluids
- Withstands extreme temperatures
- High-performance PTFE material

Helical Vacuum Wire
(Optional)

Anti-Static (AS)



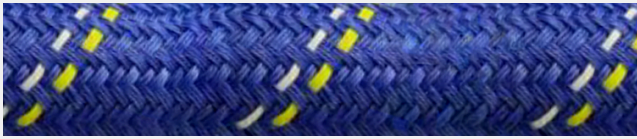
Minimal carbon dislodging
FDA Compliant; $\leq 2.5\%$ carbon black



- Conductive lining prevents static buildup
- Safe for flammable and volatile fluids
- Reduces ignition risk in high-risk environments

Types of Braids

Polypropylene Braid (PB)



Stainless Steel 316 Braid (S6)



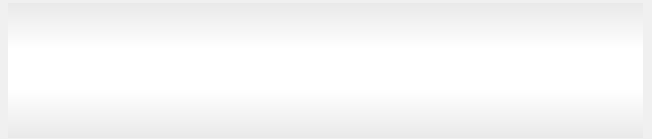
 ATEX rated

Kynar Braid (KB)



Protection Covers

Silicone Cover (S)



Rubber Cover (R)



Stainless Steel Armour Guard (A)



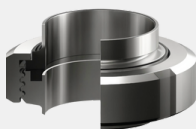
Stainless Steel Coil (C)



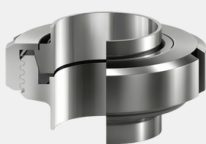
EPDM Spiral Guard (P)



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

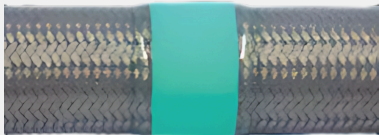
*BSP Hex Union, Conical or Flat seal available | Tri-Clamp = Tri-Clover or DIN 32676 | RJT = Ring Joint Type | ASA 150 Flange with bolts and nuts

Labelling

Heat Shrink Sleeve



Colour Marking



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

Colour Spiral



Available colours:

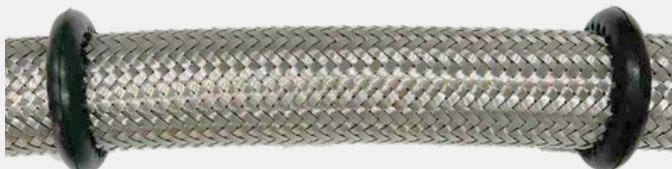


Laser Etching



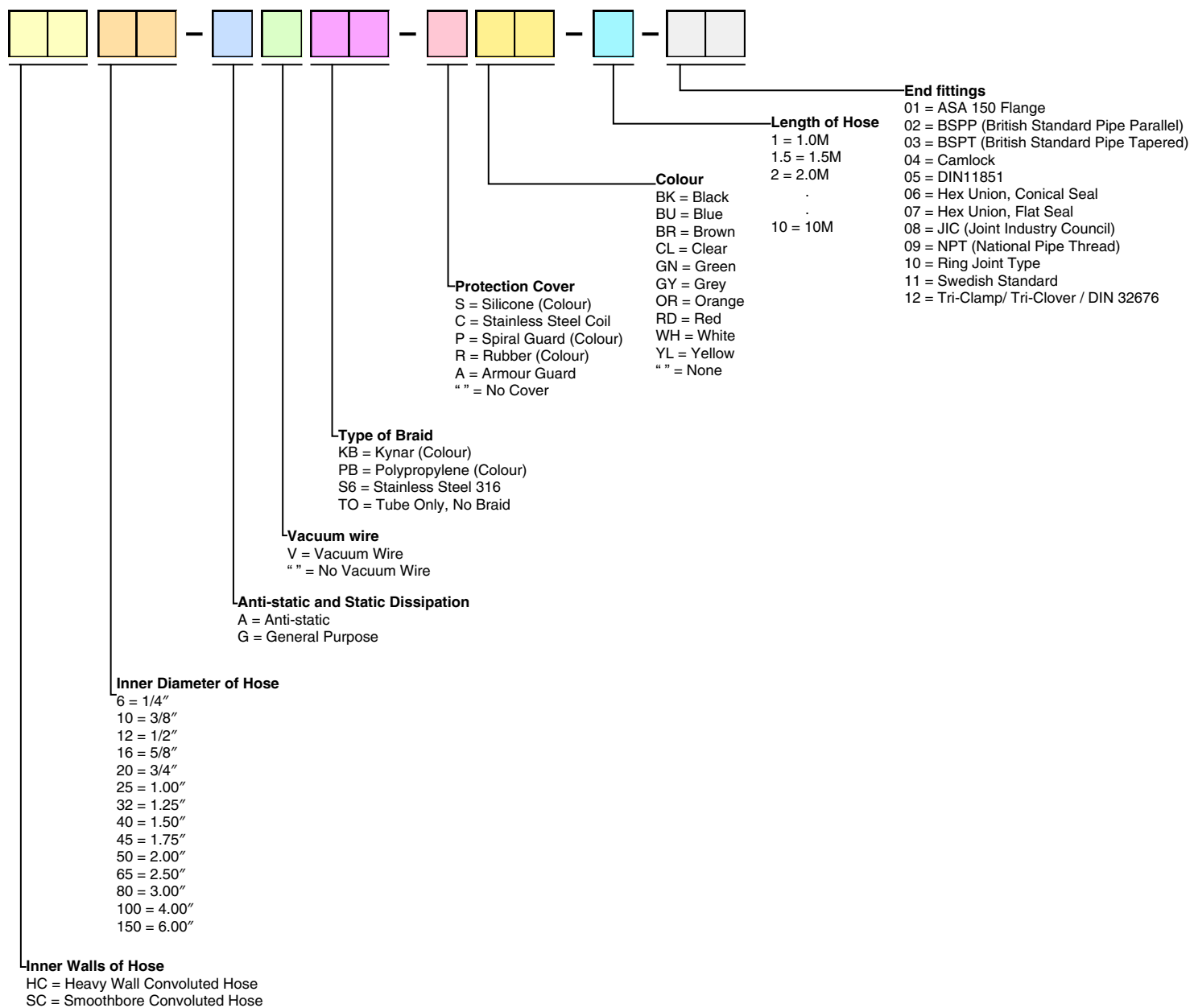
Example of Hose Label:
Name, Hose Size, Serial Number, Manufacturing Date, Contact, CE Mark, etc. Specify labelling upon request.

Scuff Rings



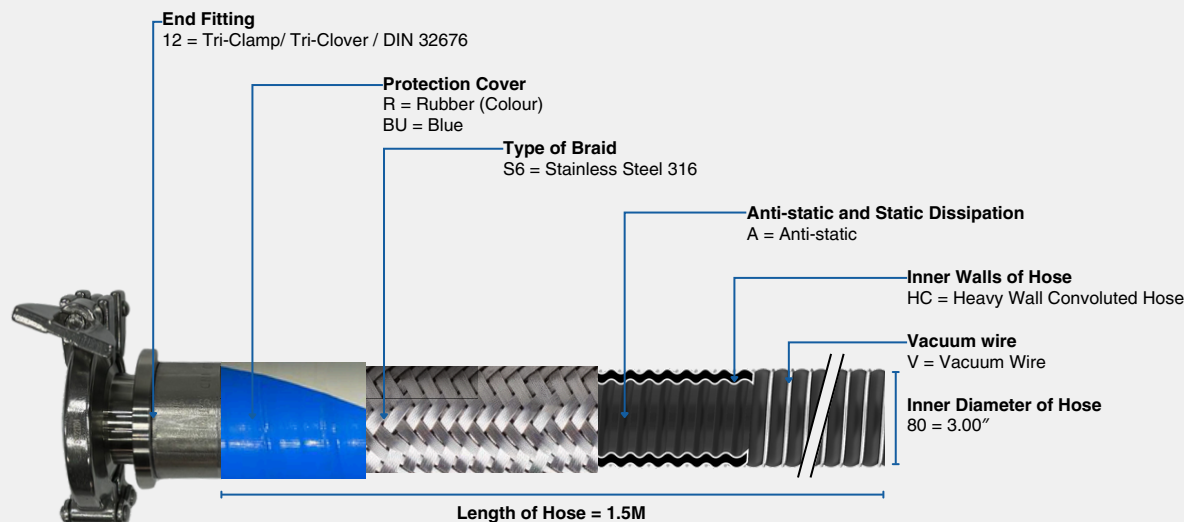
Shock absorber protecting the hose from external impacts

Ordering Code



EXAMPLE

HC80-AVS6-RBU-1.5-12

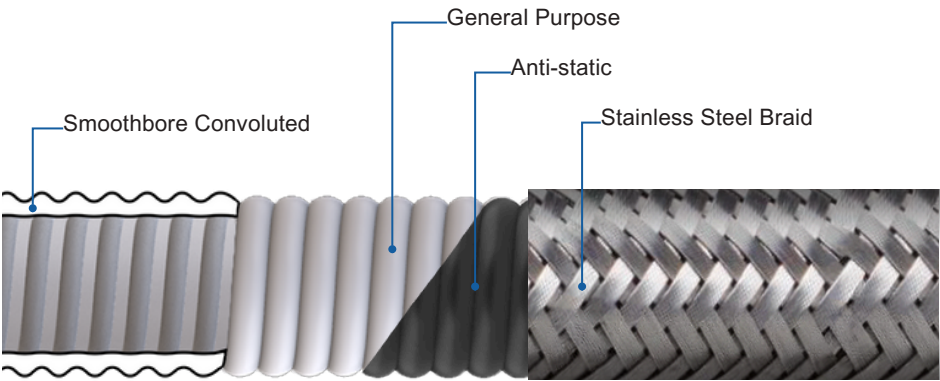


Smoothbore Convoluted PTFE Hose

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.



Design	Smoothbore Convoluted PTFE tube with Stainless Steel 304 / 316 braid.
Inner layer	General Purpose or Anti-Static Smoothbore Convoluted PTFE Tube
Type of Braid	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’

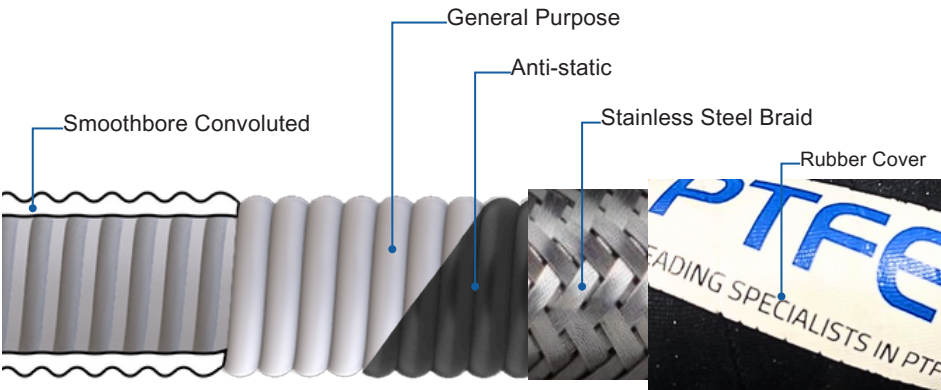
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)
1/2"	13.4	18	1.6	38	60	240
3/4"	19.1	24.1	1.8	50	60	240
7/8"	21	27	2.1	55	55	220
1.00"	25.5	31.4	2.2	70	50	200
1.25"	31.8	39.3	2.65	100	45	180
1.50"	38.1	46.1	3	140	40	160
2.00"	49.5	58.2	4	280	30	120

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'

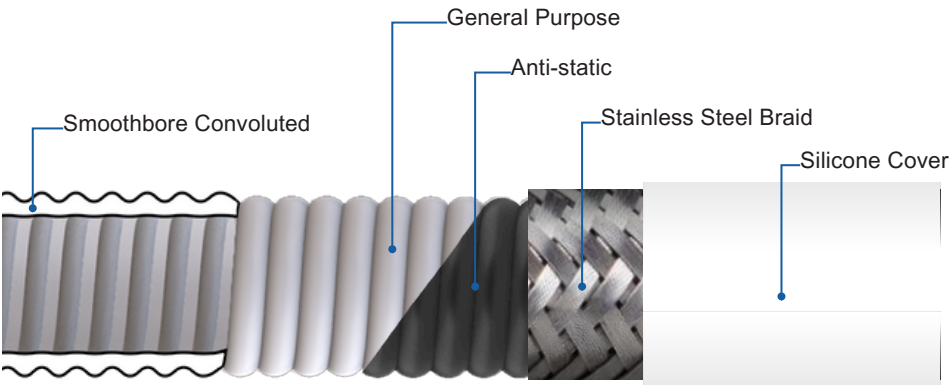
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)
1/2"	13.4	23	1.6	38	60	240
3/4"	19.1	29	1.8	50	60	240
7/8"	21	32	2.1	55	55	220
1.00"	25.5	36.5	2.2	70	50	200
1.25"	31.8	43.5	2.65	100	45	180
1.50"	38.1	50.8	3	140	45	80
2.00"	49.5	63.2	4	280	30	120

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’

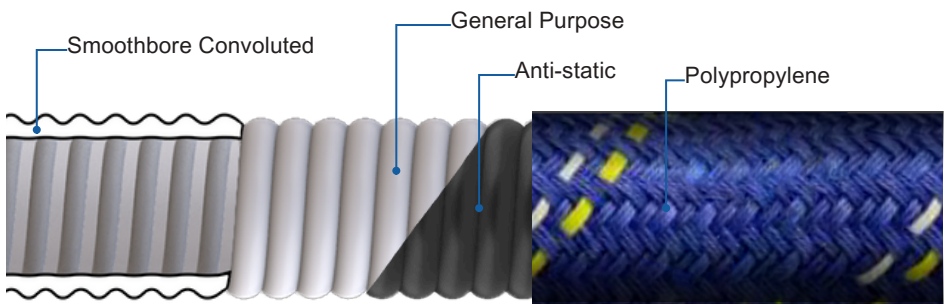
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)
1/2"	13.40	21.00	1.60	38.00	60.00	240.00
3/4"	19.10	27.00	1.80	50.00	60.00	240.00
7/8"	21.00	30.00	2.10	55.00	55.00	220.00
1.00"	25.50	34.50	2.20	70.00	50.00	200.00
1.25"	31.80	41.50	2.65	100.00	45.00	180.00
1.50"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

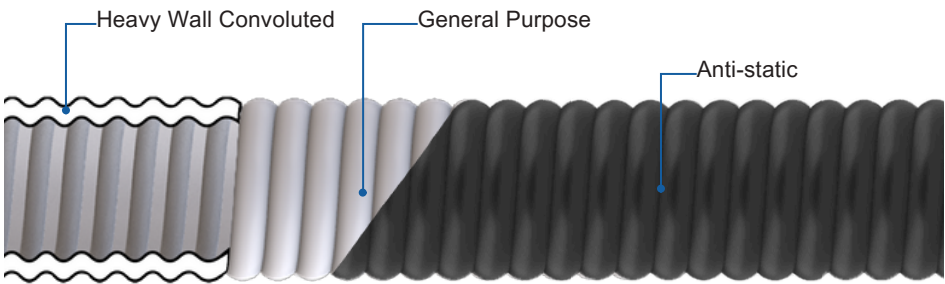
Tube only

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



Design	Heavy wall convoluted PTFE tube
Inner layer	General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube
Outer Layer	N/A
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'

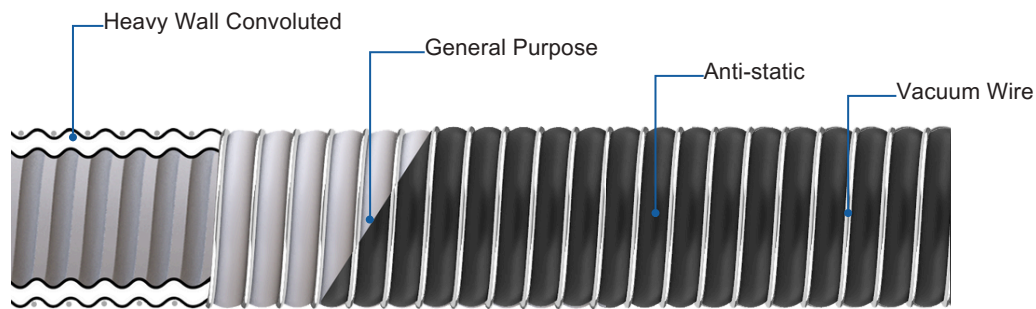
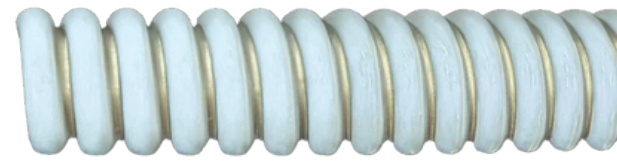
Size(")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/4"	7.00	11.68	0.76	18.00	4.00	16.00	744.00
3/8"	9.65	14.95	0.76	25.00	4.00	16.00	744.00
1/2"	13.08	17.90	0.89	40.00	4.00	16.00	887.00
5/8"	16.00	21.85	0.89	50.00	3.00	12.00	887.00
3/4"	19.00	26.40	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.



Design	Heavy wall convoluted PTFE tube with Vacuum Wire
Inner layer	General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube
Outer Layer	Stainless Steel 304 Vacuum Wire
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'

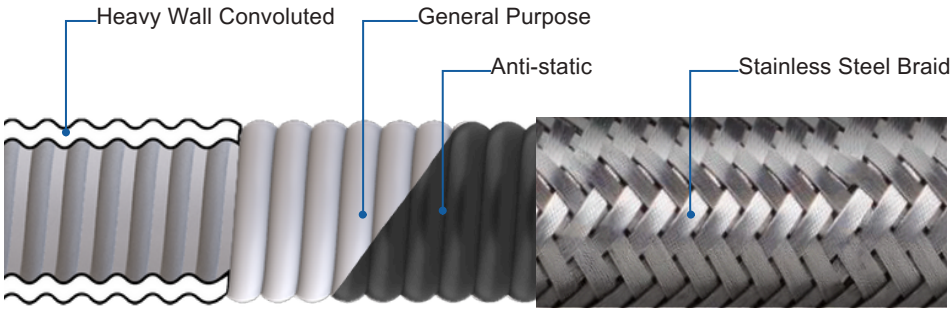
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/4"	7.00	11.68	0.76	18.00	4.00	16.00	744.00
3/8"	9.65	14.95	0.76	25.00	4.00	16.00	744.00
1/2"	13.08	17.90	0.89	40.00	4.00	16.00	887.00
5/8"	16.00	21.85	0.89	50.00	3.00	12.00	887.00
3/4"	19.00	26.40	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'

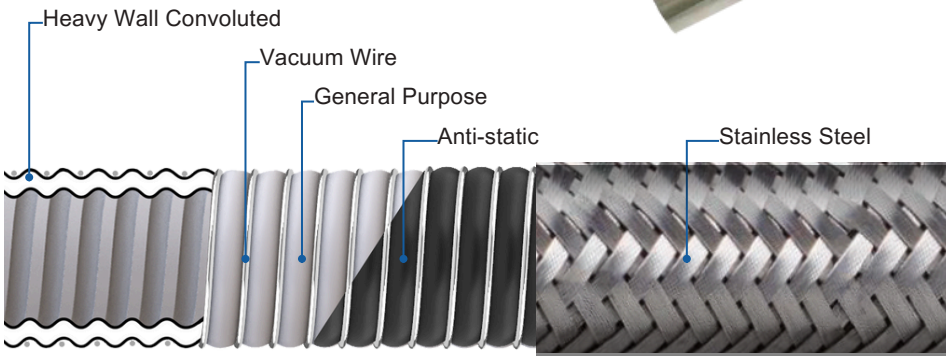
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/4"	7	12.68	0.76	18	60	180	744
3/8"	9.65	15.95	0.76	25	50	150	744
1/2"	13.08	18.9	0.89	40	45	135	887
5/8"	16	22.85	0.89	50	40	120	887
3/4"	19	27.4	1	60	40	120	887
1.00"	25.4	36	1.2	80	35	105	887
1.25"	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'

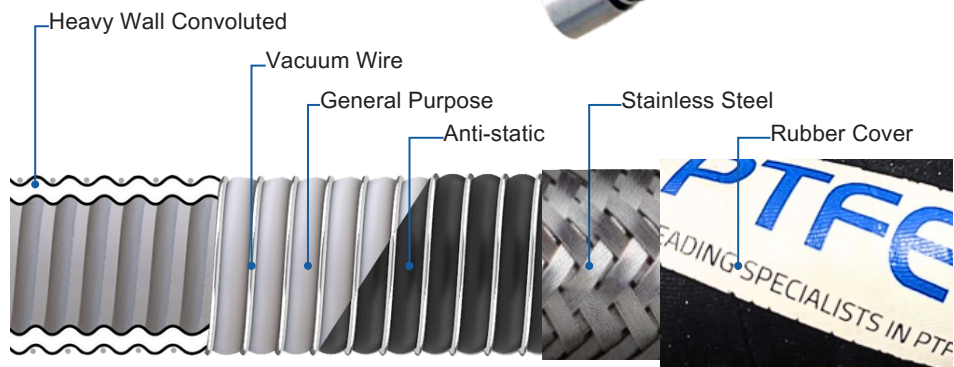
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/4"	7.00	12.68	0.76	18.00	60.00	180.00	744.00
3/8"	9.65	15.95	0.76	25.00	50.00	150.00	744.00
1/2"	13.08	18.90	0.89	40.00	45.00	135.00	887.00
5/8"	16.00	22.85	0.89	50.00	40.00	120.00	887.00
3/4"	19.00	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 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'

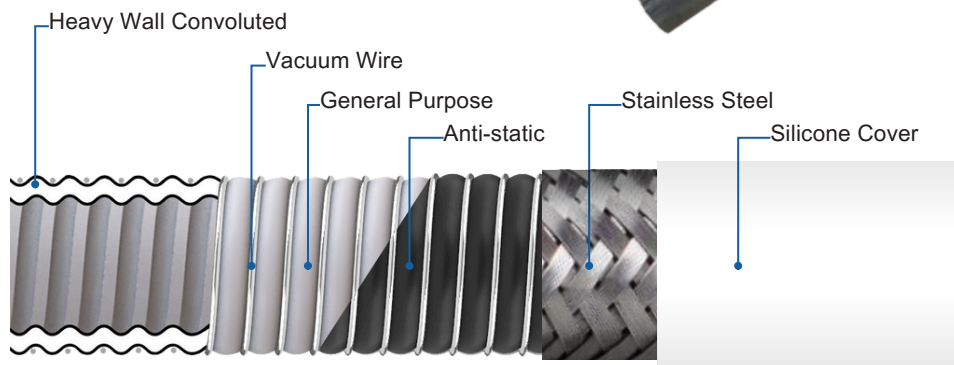
Size (")	ID Nominal(mm)	OD Nominal(mm)	Wall Thickness (mm)	MBR (mm)	MWP(Bar)	BP(Bar)	Vacuum (mBar)
1/2"	13.08	24.90	0.89	40.00	45.00	135.00	887.00
5/8"	16.00	28.85	0.89	50.00	40.00	120.00	887.00
3/4"	19.00	33.40	1.00	60.00	40.00	120.00	887.00
1.00"	25.40	42.00	1.20	80.00	35.00	105.00	887.00
1.25"	31.00	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'

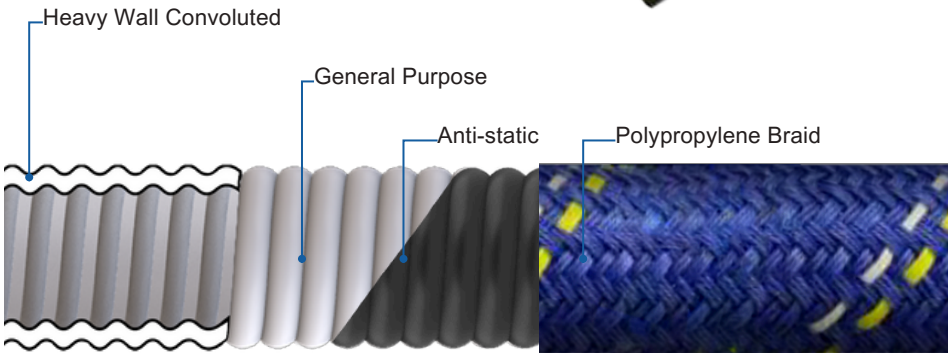
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
1/2"	13.08	20.90	0.89	40.00	45.00	135.00	887.00
5/8"	16.00	24.85	0.89	50.00	40.00	120.00	887.00
3/4"	19.00	29.40	1.00	60.00	40.00	120.00	887.00
1.00"	25.40	39.00	1.20	80.00	35.00	105.00	887.00
1.25"	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 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.



Design	Heavy wall convoluted PTFE tube with Polypropylene braid – BLUE, YELLOW, WHITE
Inner layer	General Purpose or Anti-Static Heavy Wall Convoluted PTFE Tube
Outer Layer	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’

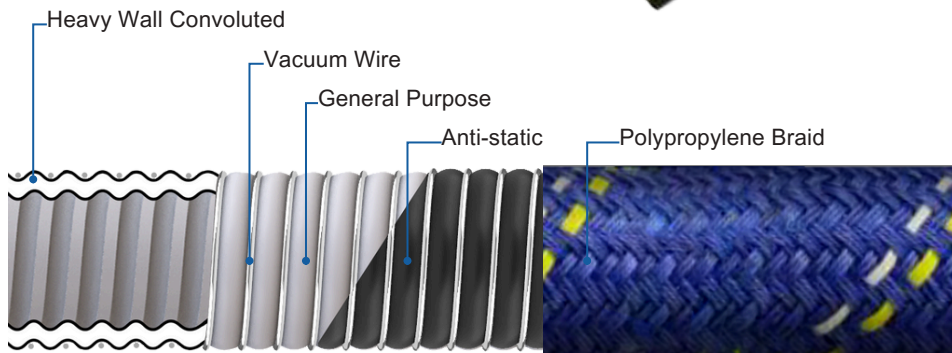
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
3/8"	9.65	18.45	0.89	30.00	10.00	40.00	887.00
1/2"	13.08	21.90	0.89	40.00	10.00	40.00	887.00
5/8"	16.00	25.85	0.89	50.00	10.00	40.00	887.00
3/4"	19.00	30.40	1.00	60.00	10.00	40.00	887.00
1.00"	25.40	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 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’

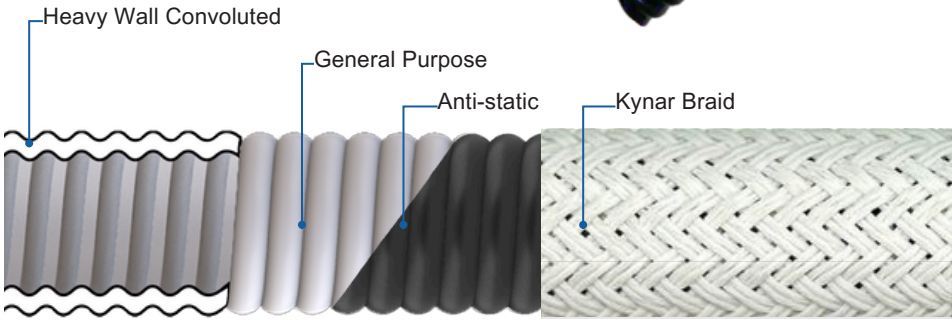
Size (")	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)
3/8"	9.65	18.45	0.89	30.00	10.00	40.00	887.00
1/2"	13.08	21.90	0.89	40.00	10.00	40.00	887.00
5/8"	16.00	25.85	0.89	50.00	10.00	40.00	887.00
3/4"	19.00	30.40	1.00	60.00	10.00	40.00	887.00
1.00"	25.40	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