

STAINLESS STEEL BRAIDED CONVOLVED TEFLON/PTFE HOSE

HOSES › Chemical hoses

PTFE tube with a helical internal profile, reduced microporosity, and high resistance to breaking loads. High flexibility combined with low permeability make this tube ideal for the passage of aggressive gases or fluids and all chemical or food agents. Flame and heat resistant, it has excellent dielectric and flame retardant properties, and is unaffected by ozone and ultraviolet radiation. 304 stainless steel braiding.

PROPERTY'

- Chemically inert
- Wide temperature range
- Low coefficient of friction

VERSIONS

- Convoluted PTFE without braid (bare)
- WHITE PTFE convoluted with AISI304 stainless steel braid
- Antistatic BLACK PTFE convoluted with AISI304 stainless steel braid
- WHITE PTFE convoluted with BLUE POLYPROPYLENE braid

Electrical properties

White = R Black = R<100MO.

regulations

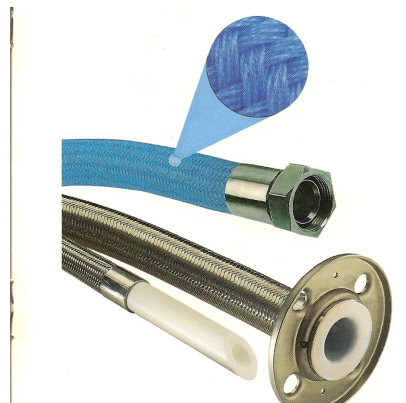
- Operating temperature: -70° +260° C
- Compound approved by FDA regulation 21 CFR 177.1550
- Compound approved to USP Class VI requirements
- Mixture approved by EU regulation 1935/2004

Optional additional coating in vulcanized black EPDM rubber, or in transparent silicone, upon request

Joints and fittings: Made to order, the pipes can be connected with any type of stainless steel hose connector, even PTFE coated, including the flanged flanges on the flanges.

Technical specifications 1 high-strength steel braid

thumb ID	internal diameter mm	Curvature radius mm	Operating pressure bar	Burst pressure bar 20°C	Vacuum mbar 20°C	maximum length	Weight gr/m
1 high-strength steel braid							
1/4"	6	12	35	170	744	20	122
3/8 "	10	24	35	170	744	20	168
1/2 "	13	29	60	250	887	20	197
5/8 "	16	35	55	170	887	20	302
3/4 "	20	59	60	290	887	20	372
1 "	25	71	40	210	887	20	604
1 1/4 "	32	94	40	210	887	20	723
1 1/2 "	38	118	35	175	887	20	1062



2 "	50	147	25	135	887	20	1282
2 1/2 "	63	230	16	80	887	20	2140
3 "	75	260	14	65	887	20	3310
4 "	100	300	10	40	887	20	4050
5 "	127	450	6	24	554	12	5500
6 "	150	520	6	24	554	12	6000



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Technical specifications

Polypropylene braid, max +90°C

thumb ID	internal diameter mm	Curvature radius mm	Operating pressure bar	Burst pressure bar 20°C	Vacuum mbar 20°C	maximum length	Weight gr/m
Polypropylene braid, max +90°C							
1/4"	13	50	40	160	887	10	189
5/8 "	16	65	30	120	887	10	259
3/4 "	20	55	30	120	887	10	243
1 "	25	85	30	120	887	10	345
1 1/4 "	32	100	25	100	887	10	531
1 1/2 "	38	120	22	88	887	10	607
2 "	50	165	20	80	887	10	930
2 1/2 "	63	230	16	64	887	10	1028
3 "	75	260	14	50	887	10	1186
4 "	100	300	10	40	887	10	2710