

PTFE HOSE WITH S. S. BRAIDING

Temp: -60°C to + 260°C

Since 1990
FLEXAFLEX



Structure:

The PTFE Smooth Bore Flexible Hose is a premium-quality hose engineered for reliable fluid transfer across a wide range of industrial applications. Its inner tube is constructed from Polytetrafluoroethylene (PTFE), providing exceptional chemical resistance, thermal stability, and non-stick properties. The smooth bore design ensures low friction losses and superior flow efficiency, making it ideal for processes that demand purity

and precision. To enhance durability and pressure performance, the hose is reinforced with a high-strength braided outer layer—typically made from stainless steel or other robust materials—offering excellent mechanical protection, flexibility, and kink resistance.

Temperature:

– 60°C to + 260° C

Temperature:

Outer cover - Silver, Inner layer - Transparent

Standards :

SAE J517-100R14

Features:

Smooth PTFE inner core for optimal flow and easy cleaning
Exceptional resistance to chemicals, corrosion, and high temperatures
Reinforced braided construction for strength and flexibility
Suitable for a wide range of industrial fluids and gases
Ideal for use in pharmaceutical, chemical, food processing, and hydraulic systems

Application:

Mold Press, Filling Equipment
Paint Spray, Sanitary Transfer
Adhesive Conveying, Acid Transfer
Steam Transfer, Feed Lines
Instrumentation Panels, Solvent Transfer
Oil Supply Lines



**Convoluted PTFE
Single Braided SS 304**

int mm	out mm	mm	w.p. bar	b.p. bar	mm
SMOOTH BORE PTFE SINGLE BRAIDED SS 303 /304					
4.8	7.6	0.85	205	820	20
6.4	9.4	0.85	188	750	28
8.0	11.1	0.85	162	650	28
10.8	13.1	0.85	130	520	33
12.7	16.2	1.0	112	450	66
16.0	19.4	1.0	80	320	150
19.0	23.0	1.2	70	280	225
22.2	26.2	1.2	60	240	245
25.4	29.8	1.5	50	200	300
SMOOTH BORE PTFE DOUBLE BRAIDED SS 303 /304					
6.40	10.40	0.65	250	1000	95
8.00	13.00	0.75	245	980	125
9.50	14.40	0.75	230	920	160
12.70	17.80	0.75	160	640	210
16.00	21.70	0.90	110	440	270
19.00	24.60	0.90	95	380	300
25.40	31.00	1.05	75	300	420
CONVOLUTED PTFE SINGLE BRAIDED SS 304					
6.5	12.2	0.60	125	500	10
8.0	13.3	0.70	112	450	15
10.0	15.5	0.75	110	440	20
13.0	19.0	0.80	88	350	25
16.0	22.7	0.85	70	280	30
19.0	27.0	1.0	65	260	60
22.2	30.0	1.0	63	250	80
25.0	34.0	1.0	58	230	85
32.0	43.0	1.1	55	220	100
38.0	49.5	1.4	52	210	155
50.0	63.5	1.5	50	200	200

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