

SMOOTHBORE

Temperature: -70°C до +260°C, depending of brade

Hose construction

Tube: smooth PTFE made only from Teflon 62 or Fluon CD086 PTFE polymers. The choice of these materials together with pressing, hot processing and quality control allow the highest quality PTFE hoses with minimal burrs and high elasticity

Welding: Stainless steel 304 with a minimum of 1700 N / mm² tensile strength.



HOSE PROPERTIES

Temperature Resistance: PTFE hose is usable from -70°C up to +260°C, dependent upon the braid and the working pressure (see Specifications).

Chemical Resistance: PTFE is the most chemically resistant material known, and is only affected by a small number of very uncommon chemicals; Fluorine Gas, boiling Alkali Metals, Chlorine Trifluoride and Oxygen Difluoride.

Flexibility with Strength: Smoothbore PTFE hose has excellent dynamic flex life, and performs well at high pressures in flexing or vibrating applications.

Self Cleaning: The famous non-stick nature of PTFE ensures that material passing through does not become 'hung up' inside the hose, creating the risk of bacterial growth, or contamination. The hose, therefore, is effectively self-cleaning.

Number	Size Inch	wall mm	ID		OD		R min mm	WP Bar	Weight Kg
			min	max	min	max			
	1/8	0.76	3.00	3.20	5.70	6.00	22	290	.065
70-100-03-01-02	3/16	0.76	4.60	4.75	7.30	7.50	40	265	.080
70-100-04-01-02	¼	0.63	6.00	6.50	8.30	8.70	60	240	.093
70-100-05-01-02	5/16	0.63	7.50	8.00	9.80	10.50	70	200	.110
70-100-06-01-02	3/8	0.63	9.10	9.60	11.50	12.00	80	190	.124
70-100-08-01-02	½	0.76	11.90	12.80	14.50	15.40	110	150	.207
70-100-10-01-02	5/8	0.76	15.00	16.00	17.80	18.90	150	110	.255
70-100-12-01-02	¾	0.76	18.00	19.20	21.00	22.30	200	80	.315
70-100-16-01-02	1	1.00	24.00	25.40	27.60	28.70	300	55	.430

For antistatic grade 110 instead 100.

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Catalogues:

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