

0811 - Smooth, Big Bore PTFE Hose, with stainless steel cover

Primary Applications

Medium pressure service for use with hydraulic fluids at high temperatures and aggressive chemicals in the chemical industry, surface engineering, 2-component systems.



Working pressure: up to 176° the working pressure remains unchanged. In the range from 176°C to 260°C the operating pressure decreases linearly with increasing temperature decreases linearly to 25% of the specified value. Based on safety factor 3

Construction

Inner tube: Polytetrafluoroethylene
 Reinforcement: One braided layer of AISI 304 stainless steel wire

Temperature Range **-70 °C up to +260 °C**



10 series



81000-..

Order Code	Hose I.D.				Hose O.D. mm	Pressure Rating		min. bend radius	Weight kg
	DN	Inch	Size	mm		max. working pressure MPa	min. burst pressure MPa		
0811-03	5	3/16	-3	4.8	7.5	0.26	0.79	64	0.08
0811-04	6	1/4	-4	6.4	8.8	0.22	0.67	76	0.10
0811-05	8	5/16	-5	7.9	10.5	0.20	0.62	102	0.12
0811-06	10	3/8	-6	9.5	12.2	0.18	0.55	127	0.15
0811-08	12	1/2	-8	12.7	16.0	0.16	0.48	152	0.23

Low Pressure

Medium Pressure

High Pressure

Hose Protection

Machines