

Smoothbore PTFE Hose**HS4000 Smoothbore PTFE hose**

The smoothbore PTFE hoses are manufactured from high pressure PTFE dispense resin, extruded and sintered. They could be made in opaque or translucent.

They have many excellent properties such as good chemical resistance and weatherability, low coefficient of friction, non-toxicity, odourless, flavourless, fire-retardant and excellent electrical insulation.

HS4000B Stainless steel braided smoothbore PTFE hose

HS4000B hoses are made with outer stainless steel wire braiding reinforcement over HS4000 Smoothbore PTFE hoses. The stainless steel braiding is corrosion resistant against most chemicals. Designed for applications in relatively high pressures and which require a smooth inner bore for improved flow and easy cleaning.

**Applications:**

Widely used in chemical and general industries in situations where aggressive fluid or environments are involved. It can also be used as a protective sleeving for cables and as a substitute for nylon hose where pressures allow.

Specifications (PTFE):

Density	Tensile strength	Elongation at break	Dielectric strength	Temperature
2.1~2.3g/cm ³	≥15Mpa	≥200%	≥10KV/mm	-70°C~+260°C

Normal Dimensions (HS4000):

Inner diameter	Wall thickness	Length
0.5, 0.6, 0.7, 0.8, 0.9, 1.0mm	0.2~0.5mm	Optional
1.2, 1.4, 1.5, 1.6, 1.8mm	0.2~0.8mm	
2, 2.2, 2.4, 2.5, 2.6, 2.8, 3.0, 3.2, 3.4, 3.5, 3.6, 3.8, 4.0mm	0.2~1.5mm	
5, 6, 7, 8mm	0.5~2.0mm	
9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 25mm	1.0~2.0mm	
≥25mm	1.5~2.0mm	

Other dimensions are also available on request.