

146. Stainless Steel Braided Internal PTFE hoses

Function:

Stainless steel braided internal PTFE hose is used as flexible connections in the pharmaceutical and the food industry. The hose is made of internal virgin PTFE and external stainless steel wire braided reinforcement. The stainless steel reinforcement permits higher pressure and reduced kinking and generally protects the core.

Features:

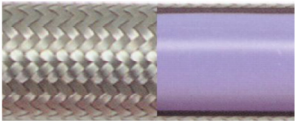
We offer two types of hose:

- a) The inside Bore is PTFE Smooth Core which offers maximum flow;
- b) Convuluted Core which offers excellent flow with enhanced flexibility.

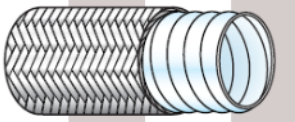
- Imparts no odour or taste to critical stream
- Crimped fittings;
- Easily cleanable
- Sterilizable by steam, autoclave or detergent.
- Sizes: Refer table
- End connections: Refer table
- End connections: Refer table
- Material: Contact parts: Refer table
- Non contact parts: AISI 304.
- Working temperature range: -32 °C to 230 °C



Smooth bore:

Size	ID (mm)	OD (mm)	Working pressure(bar)@ 22 C	Minimum bend radius (mm)	
¼"	6.35	9.4	207	76.2	
3/8"	9.53	13	138	127	
½"	12.7	16	120	165.1	
¾"	19.0	22.4	69	215.9	
1"	25.4	28.7	69	304.8	

Convuluted bore:

Size	ID (mm)	OD (mm)	Working pressure(bar)@ 22 C	Minimum bend radius (mm)	
½"	12.7	18.3	103.5	38.1	
¾"	19.05	25.9	82.8	50.8	
1"	25.4	33.3	68.9	63.5	
1.5"	38.1	49	44.8	95.2	
2.0"	50.8	61.5	31	120.6	

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ORDERING INFORMATION:

Ex: Part # 146-1-1-1-1-500: Stainless steel braided Internal PTFE hose-Smooth bore-1/4"- 25 dia triclover flange-End to end distance 500 mm

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Product code	Type	Size	End connection	End to end distance
	1-Smooth bore	1-1/4"		Specify in mm.
	2-Convolutated	2-3/8"	1- Dia 25	
		3- 1/2"	triclover	
		4- 3/4"	flange	
		5- 1"	2- Dia 50	
		6- 1.5"	triclover	
		7- 2"	flange	
			3- Dia 64	
			triclover	
			flange	

Note : Sizes above 3/4" cannot be provided with Dia 25 triclover flange.
Sizes above 2" cannot be provided with Dia 50 triclover flange.
Smooth bore is available only upto 1" size.

All dimensions are in mm. unless and otherwise specified. The information contained in this brochure is for guidance only. We reserve the right to modify any material or feature without notice in advance. For further information, please, consult our application specialist.

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