







HYDROPARTS HYDRAULIC HOSE: SAE 100 R14 SMOOTH PTFE


Product code	Type description	 \varnothing (ID) hose diameter Inside			 \varnothing (OD) hose diameter (MM) outside	 Max. Working Pressure** at 20°C		 Burst Pressure		 Weight	 Minimum bend rad.
		Dash	Inch	nominal DN		bar	psi	bar	psi	kg/mtr.	mm
SG.020030	PTFE-04	4	1/4	6	9.0	175	2537	700	10159	0.09	45
SG.020060	PTFE-06	6	3/8	10	12.4	135	1957	540	7830	0.1	55
SG.020090	PTFE-08	8	1/2	12	15.7	120	1740	480	6960	0.14	70
SG.020120	PTFE-10	10	5/8	16	19.1	100	1450	400	5800	0.27	130
SG.020150	PTFE-12	12	3/4	19	22.2	90	1305	360	5220	0.32	190
SG.020180	*PTFE-16	16	1	25	29.3	65	942	260	3770	0.46	270

* Unavailable, ON REQUEST

Inner tube smooth PTFE tube
Reinforcement Outer tube, braided stainless steel AISI 304L
Safety factor 4 : 1
Vacuum pressure 28 inHg (1/4" - 1/2") - 14 inHg (5/8 - 3/4") - 8 inHg (1")
Working temperature From -70° C to +260°C.
Application: Resistant to fire, chemically, Suitable for food use according to FDA norm
****Working pressure** Depends on the temperature, see table 2



table 2



-60°C	95%
130°C	100%
150°C	80%
180°C	50%
200°C	30%
220°C	10%

The information contained in this file has been carefully collected and checked however, we are not responsible for any adverse consequences resulting from incorrect information provided in this document.

Couplings: Use only inserts and ferrules from our series with product code HC