

PH903 - 2 SPIRALS OF HIGH TENSILE STEEL WIRE, 1 BRAID OF G.I STEEL WIRE



Construction :

Inner tube : Polytetrafluoroethylene (PTFE)

Reinforcement : 2 Spirals of high-tensile steel wire, 1 braid of G.I steel wire

Safety Factor : up to 50 °C - 1,0 / up to 100°C - 0,95 / up to 150°C - 0,9 / up to 200°C - 0,83 for higher temperatures

Application : Automotive: Hot Melt Adhesives / Hot Glue Dispensing, Injection Molding, Chemical Transfer / Paint Transfer, Robotic Systems, Compressed Gas

Note : Production related variations of Burst Pressure of upto 10% possible. Indicated working pressure refers to hose only. Depending on the end connectors used, the permitted working pressure of hose assembly may be less

Item Code	DN	ID		OD	WP		BP		BR/r	W
		inch	mm	mm	psi	bar	psi	bar	mm	g/m
PH903-04	6	1/4	6.2	11.2	7250	500	29000	2000	60	270
PH903-05	8	5/16	8.0	13.4	6880	475	27500	1900	85	345
PH903-06	10	3/8	10.0	15.7	6525	450	26100	1800	110	500
PH903-08	12	1/2	12.2	18.8	6520	450	26100	1800	150	600
PH903-10	16	5/8	15.1	21.6	5800	400	23200	1600	175	700
PH903-12	20	3/4	20.2	27.5	4350	300	17400	1200	200	1055
PH903-16	25	1	24.2	31.4	3980	275	15950	1100	240	1205
PH903-20	32	1 1/4	32.0	39.0	3620	250	14500	1,000	280	1600



Temperature Range : Continuous: -70°C to +200°C

Important Information !

PH903 series hoses are intended for being used as basic hoses for heating hose systems. They do not have an outer cover and the wires are not protected against corrosion. It is not allowed to use these hoses in a "normal" hose assembly without taking the right steps to prevent the corrosion of the wires because there exists the risk of injury as well as the possibility of the failure of the hose assembly. PH903 series hoses are available as a special execution with a plastic outer cover. For further information, Please contact manufacturer