

PH149 - HIGH PRESSURE HYDRAULIC HOSE - R8

Applicable Standard : SAE 100R8 / DIN EN ISO 3949



Construction

Inner tube	Thermoplastic Elastomer
Reinforcement	One or more Braids of Aramid Fiber
Cover	Polyurethane, Black Colour, Pin pricked
Application	High Pressure hydraulic lines 100 to 420 bar compact, high pressure, light weight and low change in length. Suitable for hydraulic application with increased resistance to abrasion for use with petroleum, synthetic or water based fluids in hydraulic system. Suitable for Agricultural machinery, Earthmoving, safety, Rescue and material handling equipment, Also suitable for industrial gases and other applications. please consult manufacturer

Optional Cover Colours



Grey

Red

Yellow

Blue

Green

Other Options

PH152 : Electrical non conductive application,
Orange colour cover

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH149-02	-02	03	1/8	3.2	0.320	8.1	6000	420	24000	1680	1.0	25	57
PH149-03	-03	05	3/16	4.8	0.405	10.3	5000	350	20000	1400	1.0	25	87
PH149-04	-04	06	1/4	6.4	0.490	12.4	5000	350	20000	1400	1.3	32	118
PH149-05	-05	08	5/16	8.0	0.560	14.2	4350	300	17400	1200	1.8	45	147
PH149-06	-06	10	3/8	9.5	0.620	15.7	4000	280	16000	1120	2.2	55	170
PH149-08	-08	12	1/2	12.7	0.760	19.3	3500	245	14000	980	3.0	77	219
PH149-10	-10	16	5/8	16.0	0.910	23.1	2900	200	11600	800	4.3	110	295
PH149-12	-12	20	3/4	19.0	1.040	26.4	2300	165	9200	660	5.5	140	372
PH149-16	-16	25	1	25.4	1.310	33.3	2000	140	8000	560	8.0	200	511
PH149-20	-20	32	1.1/4	31.8	1.654	42.0	1500	100	6000	400	14.0	350	750



Temperature Range : Continuous: -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids