

PH149 – R8

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Application

Highpressure 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 systems. Suitable for Agricultural machinery, Earthmoving, Safety, Rescue and material handling equipments. Can be used for industrial gas and other applications, please consult manufacturer.



Code	Dash size	DN	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
Part#			inch	mm	inch	mm	psi	bar	psi	bar	mm	inch
PH149-2	-2	3	1/8	3.2	0.320	8.1	6000	420	24000	1680	25	1.0
PH149-3	-3	5	3/16	4.8	0.405	10.3	5000	350	20000	1400	25	1.0
PH149-4	-4	6	1/4	6.4	0.490	12.4	5000	350	20000	1400	32	1.3
PH149-5	-5	8	5/16	8.0	0.560	14.2	4300	300	17200	1200	45	1.8
PH149-6	-6	10	3/8	9.5	0.620	15.7	4000	280	16000	1120	55	2.2
PH149-8	-8	12	1/2	12.7	0.760	19.3	3500	245	14000	980	77	3.1
PH149-10	-10	16	5/8	16.0	0.910	23.1	2900	200	11600	800	110	4.4
PH149-12	-12	20	3/4	19.0	1.040	26.4	2300	165	9200	660	140	5.6
PH149-16	-16	25	1	25.4	1.310	33.3	2000	140	8000	560	200	8.0



PH149- 20	-20	32	1.1/4	31.8	1.625	41.27	1500	100	6000	400	300	14.0
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Please specify our part nos. as PH152 for electrical non-conductive application – Orange color cover.

Applicable Standard:

Standard: SAE 100 R8 / DIN EN 855

Construction:

Core: Thermoplastic Elastomer

Reinforcement: 1 or 2 braid of Aramid fibre

Cover: Black color, Pin Pricked – Polyurethane. Available twin and multi lines with different hose combination and size. Also, special colors up on request.

Temperature Range:

Continuous: -40°C to +100°C temp. not to exceed +70°C for Air and water based fluids.

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