

PH149 – R8



Application	High pressure hydraulic lines 140 to 420 PSI. Compact, high pressure, lightweight and low change in length. Suitable for hydraulic applications 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 equipment. Can be used for industrial gases and other applications but please consult manufacturer.	
Applicable Standard	SAE 100 R8 / DIN EN 855	
Construction	Core	Thermoplastic elastomer
	Reinforcement	1 braid of aramid fibre cover
	Cover	Black colour – polyurethane, pin pricked. Available in twin and multi lines with different hose combination and size. Available in special colours upon request.
Temperature Range	Continuous: -40°C to + 100°C. Temperature not to exceed +70°C for air and water based fluids.	

Part No.	Dash Size	DN	Hose ID (Nom.)		Hose OD (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			Inch	mm.	Inch	mm.	PSI	Bar	PSI	Bar	Inch	mm.
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	9.6	0.620	15.7	4000	280	16000	1120	55	2.2
PH149-8	-8	12	1/2	12.8	0.760	19.3	3500	245	14000	980	77	3.1
PH149-10	-10	16	5/8	16.1	0.910	23.1	2900	200	11600	800	110	4.4
PH149-12	-12	20	3/4	19.2	1.040	26.4	2300	165	9200	660	140	5.6
PH149-16	-16	25	1	25.5	1.310	33.3	2000	140	8000	560	200	8.0
PH149-20	-20	32	1.1/4	32.0	1.654	42.0	1500	100	6000	400	350	14.0