

PH148 - R7

Polyhose

Please specify our part # as PH151 for electrical non-conductive construction.

APPLICATION

MEDIUM Pressure Hydraulic Lines 70 to 210 bar.

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, Articulating & Telescopic booms and Material handling equipments. Can be used for industrial gases 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 #			(In.) (mm)	(In.) (mm)	(psi) (Bar)	(psi) (Bar)	(mm) (In.)				
PH148-2	-2	3	1/8 3.2	0.320 8.1	3,000 210	12,000 840	25 1.0				
PH148-3	-3	5	3/16 4.8	0.405 10.3	3,000 210	12,000 840	25 1.0				
PH148-4	-4	6	1/4 6.4	0.490 12.4	2,750 190	11,000 760	32 1.3				
PH148-5	-5	8	5/16 8.0	0.560 14.2	2,500 175	10,000 700	45 1.8				
PH148-6	-6	10	3/8 9.6	0.620 15.7	2,250 155	9,000 620	55 2.2				
PH148-8	-8	12	1/2 12.8	0.760 19.3	2,050 140	8,200 560	77 3.1				
PH148-10	-10	16	5/8 16.1	0.910 23.1	1,500 105	6,000 420	110 4.4				
PH148-12	-12	20	3/4 19.2	1.040 26.4	1,300 90	5,200 360	140 5.6				
PH148-16	-16	25	1 25.5	1.310 33.3	1,000 70	4,000 280	200 8.0				
PH148-20	-20	32	1 1/4 32.0	1.654 42.0	1,000 70	4,000 280	300 12.0				

APPLICABLE STANDARD

SAE 100 R7 / DIN EN 855

CONSTRUCTION

Core: Thermoplastic Elastomer

Reinforcement: 1 Braid of Synthetic Fibre

Cover - Black Color, Pin Pricked - Polyurethane

Available Twin & Multi lines with different hose combination and Size. Also, special colors up on request.

TEMPERATURE RANGE

Continuous: -40°C to +120°C



PH149 - R8

Please specify our part # as PH152 for electrical non-conductive construction.

APPLICATION

HIGH Pressure Hydraulic Lines 140 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 gases 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 #			(In.) (mm)	(In.) (mm)	(psi) (Bar)	(psi) (Bar)	(mm) (In.)				
PH149-2	-2	3	1/8 3.2	0.320 8.1	6,000 420	24,000 1,680	25 1.0				
PH149-3	-3	5	3/16 4.8	0.405 10.3	5,000 350	20,000 1,400	25 1.0				
PH149-4	-4	6	1/4 6.4	0.490 12.4	5,000 350	20,000 1,400	32 1.3				
PH149-5	-5	8	5/16 8.0	0.560 14.2	4,300 300	17,200 1,200	45 1.8				
PH149-6	-6	10	3/8 9.6	0.620 15.7	4,000 280	16,000 1,120	55 2.2				
PH149-8	-8	12	1/2 12.8	0.760 19.3	3,500 245	14,000 980	77 3.1				
PH149-10	-10	16	5/8 16.1	0.910 23.1	2,900 200	11,600 800	110 4.4				
PH149-12	-12	20	3/4 19.2	1.040 26.4	2,300 165	9,200 660	140 5.6				
PH149-16	-16	25	1 25.5	1.310 33.3	2,000 140	8,000 560	200 8.0				
PH149-20	-20	32	1 1/4 32.0	1.654 42.0	1,500 100	6,000 400	350 14.0				

APPLICABLE STANDARD

SAE 100 R8 / DIN EN 855

CONSTRUCTION

Core: Thermoplastic Elastomer

Reinforcement: One braid of aramid fiber cover

Cover - Black Color, Pin Pricked - Polyurethane

Available Twin & Multi lines with different Hose combination and Size. Also special colors up on request.abrasion

TEMPERATURE RANGE

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



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