

PH349 – Hydraulic 2 W/B

 polyhose.com/products/thermoplastic-hose/ph349-hydraulic-2-wb/

Application

High pressure Hydraulic Lines 150 to 450 bar.

Compact, high pressure, light weight and low change in length Suitable for hydraulic application with increased resistance 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 compact construction compared to conventional double steel wire braid rubber hose.



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
PH349-3	-3	5	3/16	4.8	0.460	11.7	6500	450	26000	1800	80	3.2
PH349-4	-4	6	1/4	6.4	0.540	13.7	6250	430	25000	1720	100	4.0
PH349-5	-5	8	5/16	8.0	0.600	15.2	5500	380	22000	1520	110	4.4
PH349-6	-6	10	3/8	9.5	0.690	17.5	4800	330	19200	1320	127	5.1
PH349-8	-8	12	1/2	12.7	0.830	21.1	3900	270	15600	1080	127	7.1
PH349-10	-10	16	5/8	16.0	0.975	24.8	3000	210	15600	840	203	7.1
PH349-12	-12	20	3/4	19.0	1.120	28.4	2500	175	10000	700	250	10.0
PH349-16	-16	25	1	25.4	1.360	34.5	2200	150	8800	600	305	12.2

Applicable Standard:

Standard: Polyhose proprietary hose and exceeds SAE/EN two wire braid hose .

Construction:

Core: Thermoplastic Elastomer

Reinforcement: Double steel wire braids

Cover: Black color Polyurethane and optional pin pricked. Available Twin & 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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