

PH348 - Hydraulic 1 W/B

APPLICABLE STANDARD

Polyhose proprietary hose and exceeds SAE/EN one wire braid hose specifications

CONSTRUCTION

Core: Thermoplastic Elastomer
Reinforcement: Single steel wire braid
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

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

APPLICATION

MEDIUM Pressure Hydraulic Lines 100 to 350 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.
Compact construction compared to conventional single steel wire braid rubber hoses

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.)
PH348-2	-2	3	1/8	3.2	0.270	6.9	5,000	350	20,000	1,400	25	1.0
PH348-3	-3	5	3/16	4.8	0.380	9.7	4,300	300	17,200	1,200	30	1.2
PH348-4	-4	6	1/4	6.4	0.460	11.7	3,900	275	15,600	1,100	40	1.6
PH348-5	-5	8	5/16	8.0	0.535	13.6	3,500	240	14,000	960	50	2.0
PH348-6	-6	10	3/8	9.6	0.600	15.2	3,200	220	12,800	880	60	2.4
PH348-8	-8	12	1/2	12.8	0.725	18.4	2,500	175	10,000	700	75	3.0
PH348-10	-10	16	5/8	16.1	0.875	22.2	2,000	140	8,000	560	110	4.4
PH348-12	-12	20	3/4	19.2	1.010	25.7	1,600	115	6,400	460	150	6.0
PH348-16	-16	25	1	25.5	1.275	32.4	1,450	100	5,800	400	230	9.2



PH349 - Hydraulic 2 W/B

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 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
Compact construction compared to conventional double steel wire braid rubber hoses

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.)
PH349-3	-3	5	3/16	4.8	0.460	11.7	6,500	450	26,000	1,800	80	3.2
PH349-4	-4	6	1/4	6.4	0.540	13.7	6,250	430	25,000	1,720	100	4.0
PH349-5	-5	8	5/16	8.0	0.600	15.2	5,500	380	22,000	1,520	110	4.4
PH349-6	-6	10	3/8	9.6	0.690	17.5	4,800	330	19,200	1,320	127	5.1
PH349-8	-8	12	1/2	12.8	0.830	21.1	3,900	270	15,600	1,080	178	7.1
PH349-10	-10	16	5/8	16.1	0.975	24.8	3,000	210	12,000	840	203	8.1
PH349-12	-12	20	3/4	19.2	1.120	28.4	2,500	175	10,000	700	250	10.0
PH349-16	-16	25	1	25.5	1.360	34.5	2,200	150	8,800	600	305	12.2

APPLICABLE STANDARD

Polyhose proprietary hose and exceeds SAE/EN two wire braid hose specifications

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

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

