

# PH348 – Hydraulic 1 W/B

 [polyhose.com/products/thermoplastic-hose/ph348-hydraulic-1-wb/](https://polyhose.com/products/thermoplastic-hose/ph348-hydraulic-1-wb/)

## 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#			inch	mm	inch	mm	psi	bar	psi	bar	mm	inch
PH348-2	-2	3	1/8	3.2	0.280	7.11	5000	350	20000	1400	25	1.0
PH348-3	-3	5	3/16	4.8	0.380	9.7	4300	300	17200	1200	30	1.2
PH348-4	-4	6	1/4	6.4	0.460	11.7	3900	275	15600	1100	40	1.6
PH348-5	-5	8	5/16	8.0	0.535	13.6	3500	240	14000	960	50	2.0
PH348-6	-6	10	3/8	9.5	0.600	15.2	3200	220	12800	880	60	2.4
PH348-8	-8	12	1/2	12.7	0.725	18.4	2500	175	10000	700	75	3.0
PH348-10	-10	16	5/8	16.0	0.875	22.2	2000	140	8000	560	110	4.4
PH348-12	-12	20	3/4	19.0	1.020	25.9	1600	115	6400	460	150	6.0



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PH348- 16	-16	25	1	25.4	1.275	32.4	1450	100	5800	400	230	9.2
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Applicable Standard:

**Standard:** Polyhose proprietary hose and exceeds SAE/EN one wire braid hose specifications.

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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 colours up on request

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Temperature Range:

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

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