

# PH149 - HIGH PRESSURE HYDRAULIC HOSE - R8

Applicable Standard: SAE 100 R8 / DIN EN ISO 3949



## Construction

**Core** Thermoplastic Elastomer

**Reinforcement** One or more Braids of Aramid Fiber

**Cover** Polyurethane, Black Colour, Pin pricked

**Application** High Pressure Hydraulic Lines 100 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

**Note:** Available Twin & Multi lines with different Hose combination and Size. Also special colours available on request.

Please specify our part nos. as PH152 for electrical non - conductive application - Orange colour cover

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH149-02	-02	03	1/8	3.2	0.320	8.1	6,000	420	24,000	1,680	1.0	25	57.0
PH149-03	-03	05	3/16	4.8	0.405	10.3	5,000	350	20,000	1,400	1.0	25	87.0
PH149-04	-04	06	1/4	6.4	0.490	12.4	5,000	350	20,000	1,400	1.3	32	118.0
PH149-05	-05	08	5/16	8.0	0.560	14.2	4,350	300	17,400	1,200	1.8	45	147.0
PH149-06	-06	10	3/8	9.5	0.620	15.7	4,000	280	16,000	1,120	2.2	55	170.0
PH149-08	-08	12	1/2	12.7	0.760	19.3	3,500	245	14,000	980	3.0	77	219.0
PH149-10	-10	16	5/8	16.0	0.910	23.1	2,900	200	11,600	800	4.3	110	295.0
PH149-12	-12	20	3/4	19.0	1.040	26.4	2,300	165	9,200	660	5.5	140	372.0
PH149-16	-16	25	1	25.4	1.310	33.3	2,000	140	8,000	560	8.0	200	511.0
PH149-20	-20	32	1.1/4	31.8	1.654	42.0	1,500	100	6,000	400	14.0	350	750.0



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

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