

PH191 – R16

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Application

CONSTANT Pressure Hydraulic Lines 210 bar and requires compact outer dia. For use with petroleum, synthetic or water based fluids in Hydraulic systems Suitable for Agricultural, Construction & Material handling equipments and machineries/systems.



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
PH191-4	-4	6	1/4	6.4	0.53	13.5	5,000	350	20,000	1,400	50	2.00
PH191-5	-5	8	5/16	8.0	0.60	15.2	4,350	300	17,400	1,200	55	2.20
PH191-6	-6	10	3/8	9.5	0.69	17.5	4,100	280	16,400	1,120	65	2.60
PH191-8	-8	12	1/2	12.7	0.80	20.2	3,550	245	14,200	980	90	3.60
PH191-10	-10	16	5/8	15.9	0.94	23.8	3,000	207	12,000	828	100	4.00
PH191-12	-12	19	3/4	19.1	1.10	27.9	2,300	160	9,200	640	120	4.80
PH191-16	-16	25	1	25.4	1.40	35.5	2,000	140	8,000	560	150	6.00
PH191-20	-20	32	1.1/4	32.0	1.75	44.4	1,650	115	6,600	460	210	8.40

Applicable Standard:

Standard: SAE J517 – 100 R16 Exceeds 100 R2 specifications

Construction:

Core: Oil and Water resistant Synthetic rubber

Reinforcement: Size 1/4" to 1/2" Single Steel Wire Braid and Size 5/8" to 1" Double steel Wire Braid

Cover: Black Color, Synthetic rubber resistant to oil, weather and abrasion

Temperature Range:

Continuous: -40°C to +100°C

Intermittent: -40° to +120°C

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