

PH178 – R13

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Application

350 Bar super high pressure Hydraulic Lines and hydrostatic transmission lines Also, suitable for impulse surge lines with more life cycles For use with petroleum, synthetic or water based fluids in Hydraulic systems Suitable for Earthmoving equipments and machineries/systems



Code	Dash size	DN	Hose I.D. (Nom.)		Reinforcement O.D (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
Part#			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	inch	
PH178-12	-12	20	3/4	19.0	1.14	29.0	1.25	31.7	5075	350	20300	1400	240	9.45
PH178-16	-16	25	1	25.4	1.40	35.6	1.51	38.3	5075	350	20300	1400	300	11.80
PH178-20	-20	32	1.1/4	31.8	1.84	46.8	1.95	49.4	5075	350	20300	1400	420	16.55
PH178-24	-24	38	1.1/2	38.1	2.14	54.3	2.23	56.7	5075	350	20300	1400	500	19.70
PH178-32	-32	50	2	50.8	2.68	68.1	2.78	70.5	5075	350	20300	1400	630	24.80

Applicable Standard:

SAE J 517-100 R13/EN856-R13

Construction:

Core: Oil and Water resistant Synthetic rubber

Reinforcement: Four or Six high tensile steel wire spirals

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

Temperature Range:

Continuous: -40°C to +120°C

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