

PH177 – SAE 100 R 12

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Application

Very High Pressure Hydraulic Lines 175 to 280 bar and hydrostatic transmission lines For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving, Material handling 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	
			inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	mm	inch
PH177-6	-6	10	3/8	9.5	0.68	17.2	0.78	19.9	4060	280	16240	1120	125	4.90
PH177-8	-8	12	1/2	12.7	20.5	20.7	0.93	23.5	4060	280	16240	1120	180	7.00
PH177-12	-12	20	3/4	19.0	1.09	27.7	1.20	30.4	4060	280	16240	1120	240	9.50
PH177-16	-16	25	1	25.4	1.37	34.9	1.50	38.0	4060	280	16240	1120	300	11.80
PH177-20	-20	32	1.1/4	31.8	1.73	43.9	1.85	47.0	3045	210	12185	840	420	16.50
PH177-24	-24	38	1.1/2	38.1	1.98	50.4	2.10	52.8	2535	175	10150	700	500	19.70
PH177-32	-32	50	2	50.8	2.50	63.6	2.60	66.1	2535	175	10150	700	630	24.80

Applicable Standard:

Standard: SAE J517 – 100 R12 / EN 856 – R12

Construction:

Core: Oil resistant Synthetic rubber

Reinforcement: Four high tensile steel wire spiral

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

Temperature Range:

Continuous: -40°C to +120°C

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