

PH277 – 4SP

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Application

Very high pressure Hydraulic Lines 165 to 450 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	psi	bar	psi	bar	inch	mm	inch	
Part#														
PH277-4	-4	6	1/4	6.4	0.58	14.7	0.69	17.6	6525	450	26100	1800	150	5.90
PH277-6	-6	10	3/8	9.5	0.69	17.5	0.83	21.1	6450	445	25810	1780	180	7.10
PH277-8	-8	12	1/2	12.7	0.80	20.2	0.96	24.3	6015	415	24070	1660	230	9.05
PH277-10	-10	16	5/8	16.0	0.94	23.8	1.10	27.9	5075	350	20300	1400	250	9.85
PH277-12	-12	20	3/4	19.0	1.11	28.2	1.26	31.9	5075	350	20300	1400	300	11.80
PH277-16	-16	25	1	25.4	1.39	35.3	1.54	39.2	4060	280	16240	1120	340	13.40
PH277-20	-20	32	1.1/4	31.8	1.81	46.0	1.98	50.2	3045	210	12180	840	460	18.10
PH277-24	-24	38	1.1/2	38.1	2.06	52.4	2.23	56.6	2680	185	10730	740	560	22.05



PH277-	-32	50	2	50.8	2.57	65.3	2.72	69.2	2390	165	9570	660	660	26.00
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Applicable Standard:

Standard: EN 856-4SP

Construction:

Core: Oil and Water resistant Synthetic rubber

Reinforcement: Four high tensile steel wire spirals

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

Temperature Range:

Continuous: -40°C to +100°C

Intermittent: max. 120°C

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