

PH278 – 4SH

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Application

Very high pressure Hydraulic Lines 250 to 420 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	psi	bar	mm	inch
PH278-12	-12	20	3/4	19.0	1.12	28.4	1.26	31.9	6090	420	24360	1680	280	11.00
PH278-16	-16	25	1	25.4	1.39	35.2	1.51	38.3	5510	380	22040	1520	340	13.40
PH278-20	-20	32	1.1/4	31.8	1.67	42.3	1.77	44.9	4710	325	18850	1300	460	18.10
PH278-24	-24	38	1.1/2	38.1	1.92	48.8	2.08	52.9	4205	290	16820	1160	560	22.05
PH278-32	-32	50	2	50.8	2.49	63.2	2.66	67.5	3625	250	14500	1000	700	27.55

Applicable Standard:

Standard: EN 856-4SH

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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