

**PH220 - 4SH HARD - X MSHA**

Applicable Standard : EN 856 - 4SH / ISO 3862



**Construction**

- Inner tube**                      Black colour, Synthetic rubber resistant to oil and water
- Reinforcement**              Four high tensile steel wire spirals
- Cover**                              Hard-X Black, Extra abrasion, oil, ozone resistant synthetic rubber.
- Application**                      Extra 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 equipment and machineries/systems

Item Code	Dash Size	DN	ID		RI OD		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH220-12	-12	19	3/4	19.4	1.12	28.4	1.27	32.2	6090	420	24360	1680	11.02	280	1.605
PH220-16	-16	25	1	25.9	1.40	35.5	1.52	38.7	5510	380	22040	1520	13.39	340	2.277
PH220-20	-20	31	1.1/4	32.5	1.65	41.9	1.79	45.5	5075	350	20300	1400	18.11	460	2.671
PH220-24	-24	38	1.1/2	38.7	1.92	48.8	2.11	53.5	4350	300	17400	1200	22.05	560	3.566
PH220-32	-32	51	2	51.3	2.49	63.2	2.68	68.1	3625	250	14500	1000	27.56	700	5.132



**Temperature Range** : Continuous: -40°C to +100°C

**Intermittent** : +120°C

**Impulse Cycles** : 400,000 cycles