

### PH219 - 4SP HARD - X MSHA

Applicable Standard : EN 856 - 4SP / 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** Medium 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 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
PH219-04	-04	06	1/4	6.6	0.58	14.7	0.70	17.9	6525	450	26100	1800	5.91	150	0.627
PH219-06	-06	10	3/8	9.7	0.69	17.5	0.84	21.4	6455	445	25810	1780	7.09	180	0.822
PH219-08	-08	12	1/2	13.0	0.80	20.4	0.97	24.6	6020	415	24070	1660	9.06	230	0.994
PH219-10	-10	16	5/8	16.2	0.94	23.8	1.11	28.2	5075	350	20300	1400	9.84	250	1.222
PH219-12	-12	19	3/4	19.3	1.12	28.4	1.27	32.2	5510	380	22040	1520	11.81	300	1.605
PH219-16	-16	25	1	25.9	1.40	35.5	1.56	39.7	4640	320	18560	1280	13.39	340	2.277
PH219-20	-20	31	1.1/4	32.4	1.81	46.0	2.00	50.8	3045	210	12180	840	18.11	460	3.368
PH219-24	-24	38	1.1/2	38.6	2.06	52.4	2.25	57.2	2685	185	10730	740	22.05	560	3.911
PH219-32	-32	51	2	51.3	2.57	65.3	2.75	69.8	2395	165	9570	660	25.98	660	5.185



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

**Intermittent** : +120°C

**Impulse Cycles** : 400,000 cycles