

**PH229 - R19 HARD - X MSHA**

**Applicable Standard :** SAE J517 - 100R19



**Construction**

- Inner tube**                      Black colour, synthetic rubber resistant to oil and water
- Reinforcement**              Single or Double steel wire braids
- Cover**                              Hard-X Black, Extra abrasion, oil, ozone resistant synthetic rubber. Available in Wrap and Smooth finish\*
- Application**                      Compact constant pressure hydraulic lines 280 bar for use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for Agricultural, Construction & Material handling equipments / systems

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH229-04	-04	06	1/4	6.7	0.47	12.0	4060	280	16240	1120	2.0	50	0.186
PH229-05	-05	08	5/16	8.2	0.59	14.9	4060	280	16240	1120	2.2	55	0.366
PH229-06	-06	10	3/8	9.8	0.67	17.1	4060	280	16240	1120	2.6	65	0.466
PH229-08	-08	12	1/2	13.1	0.80	20.4	4060	280	16240	1120	3.5	90	0.624
PH229-10	-10	16	5/8	16.2	0.94	24.0	4060	280	16240	1120	3.9	100	0.745
PH229-12	-12	19	3/4	19.3	1.09	27.7	4060	280	16240	1120	4.7	120	0.901



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

**Intermittent :** +121°C

**Impulse Cycles :** 200,000 cycles

**\*Smooth cover available only upto size 1"**