

**PH178 - R13**

**Applicable Standard :** SAE J517 - 100R13 / EN 856 - R13/ ISO 3862



**Construction :**

**Inner tube :** Black colour, Synthetic rubber resistant to oil and water

**Reinforcement :** Four high tensile steel wire spiral (DN19-25), Six high tensile steel wire spiral (DN31-51)

**Cover :** Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone

**Application :** 350 bar super high pressure Hydraulic Lines and hydrostatic transmission lines. Also, suitable for impulse surge lines with more life cycles for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving equipment and machineries / systems

Cover Options
PH178 : MSHA
PH128 : HARDX MSHA

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
PH178-12	-12	19	3/4	19.2	1.14	29.0	1.26	32.1	5075	350	20300	1400	9.45	240	1.814
PH178-16	-16	25	1	25.7	1.40	35.6	1.52	38.7	5075	350	20300	1400	11.81	300	2.277
PH178-20	-20	31	1.1/4	32.2	1.85	47.0	1.96	49.8	5075	350	20300	1400	16.54	420	4.269
PH178-24	-24	38	1.1/2	38.5	2.17	55.1	2.26	57.3	5075	350	20300	1400	19.69	500	5.747
PH178-32	-32	51	2	51.4	2.67	67.7	2.80	71.1	5075	350	20300	1400	25.20	640	7.852



**Temperature Range :** Continuous: -40°C to +121°C

**Impulse Cycles :** 500,000 cycles