

PH285 - SAE 100 R12 ABRAZON - X MSHA

Applicable Standard : SAE J517 - 100R12 / EN 856 - R12 / ISO 3862



Construction

- Inner tube** Black colour, Synthetic rubber resistant to oil and water
- Reinforcement** Four high tensile steel wire spiral
- Cover** Abrazon-X Black, Exceptionally abrasion, oil, ozone resistant synthetic rubber sheathed with layer of UHMW-PE foil.
- Application** Heavy duty high temperature medium pressure hydraulic lines 175 to 280 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 kg/m	Qty (ft)	Type	No of sections
			inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm				
PH285-06	-06	10	3/8	9.7	0.68	17.2	0.78	19.9	4060	280	16240	1120	2.5	64	0.660			
PH285-08	-08	12	1/2	12.9	0.82	20.9	0.93	23.5	4060	280	16240	1120	3.5	89	0.852			
PH285-10	-10	16	5/8	16.1	0.96	24.5	1.07	27.2	4060	280	16240	1120	4.0	102	1.059			
PH285-12	-12	19	3/4	19.2	1.10	28.0	1.20	30.4	4060	280	16240	1120	4.8	121	1.134			
PH285-16	-16	25	1	25.7	1.37	34.9	1.50	38.0	4060	280	16240	1120	6.0	153	1.980			
PH285-20	-20	31	1.1/4	32.2	1.73	43.9	1.85	47.0	3045	210	12180	840	8.3	210	2.822			
PH285-24	-24	38	1.1/2	38.5	1.98	50.4	2.08	52.8	2540	175	10150	700	10.0	254	3.229			
PH285-32	-32	51	2	51.4	2.50	63.6	2.60	66.1	2540	175	10150	700	12.5	318	4.622			
PH285-40	-40	63	2.1/2	63.5	2.95	75.0	3.07	78.0	2030	140	8120	560	14.2	360	5.285			



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

Impulse Cycles : 500,000 cycles