PH248 - R1AT / 1SN HARD - X MSHA



Applicable Standard : SAE J517-100R1AT / EN 853-1SN / ISO 1436

Construction

Inner tube	Black Color, Synthetic rubber resistant to oil and water
Reinforcement	Single steel wire braid
Cover	Black, Extra abrasion, oil, ozone resistant synthetic rubber. Available in Wrap and Smooth finish*
Application	Medium Pressure Hydraulic Lines 10 to 250 bar. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agriculture, Earthmoving & Material handling equipment and machineries/systems

Note :

- Sizes 2-1/2" to 4" are not covered under SAE J517-100R1AT/EN 853-1SN

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH248-03	-03	05	3/16	5.1	0.45	11.5	3625	250	14500	1000	3.5	90	0.205
PH248-04	-04	06	1/4	6.7	0.52	13.1	3265	225	13050	900	3.9	100	0.262
PH248-05	-05	08	5/16	8.2	0.58	14.7	3120	215	12470	860	4.5	115	0.283
PH248-06	-06	10	3/8	9.8	0.67	17.1	2610	180	10440	720	4.9	125	0.383
PH248-08	-08	12	1/2	13.1	0.80	20.2	2320	160	9280	640	7.1	180	0.438
PH248-10	-10	16	5/8	16.2	0.92	23.3	1885	130	7540	520	7.9	200	0.536
PH248-12	-12	19	3/4	19.3	1.07	27.3	1525	105	6090	420	9.4	240	0.675
PH248-16	-16	25	1	25.9	1.39	35.3	1305	90	5150	355	11.8	300	1.008
PH248-20	-20	31	1.1/4	32.4	1.69	43.0	945	65	3700	255	16.5	420	1.443
PH248-24	-24	38	1.1/2	38.7	1.97	50.1	725	50	2900	200	19.7	500	1.735
PH248-32	-32	51	2	51.3	2.50	63.4	580	40	2320	160	24.8	630	2.352
PH248-40	-40	63	2.1/2	63.5	2.99	76.0	580	40	2105	145	29.9	760	2.640
PH248-48	-48	76	3	76.2	3.56	90.5	510	35	2030	140	35.4	900	3.798
PH248-64	-64	100	4	101.6	4.61	117.0	145	10	580	40	46.1	1170	4.928

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

Intermittent : +120°C

Impulse Cycles : 150,000; Tested upto 300,000 cycles, upto 1" I.D

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