PH253 - R1AT / 1SN

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 colour, Synthetic rubber resistant to abrasion and weather, oil & ozone. 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

Cover Options	Temperature Usage Options
PH253: MSHA	PH553: Low temperature -55°C to + 100°C
PH248: HARDX MSHA	PH255: High temperature MSHA cover -40°C to +135°C
PH298: ABRAZONX MSHA	PH291: Ultra high temperature MSHA cover -40°C to +150°C

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
PH253-03	-03	05	3/16	5.1	0.45	11.5	3625	250	14500	1000	3.5	90	0.205
PH253-04	-04	06	1/4	6.7	0.52	13.1	3265	225	13050	900	3.9	100	0.262
PH253-05	-05	08	5/16	8.2	0.58	14.7	3120	215	12470	860	4.5	115	0.283
PH253-06	-06	10	3/8	9.8	0.67	17.1	2610	180	10440	720	4.9	125	0.383
PH253-08	-08	12	1/2	13.1	0.80	20.2	2320	160	9280	640	7.1	180	0.438
PH253-10	-10	16	5/8	16.2	0.92	23.3	1885	130	7540	520	7.9	200	0.536
PH253-12	-12	19	3/4	19.3	1.07	27.3	1525	105	6090	420	9.4	240	0.675
PH253-16	-16	25	1	25.9	1.39	35.3	1305	90	5150	355	11.8	300	1.008
PH253-20	-20	31	1.1/4	32.4	1.69	43.0	945	65	3700	255	16.5	420	1.443
PH253-24	-24	38	1.1/2	38.7	1.97	50.1	725	50	2900	200	19.7	500	1.735
PH253-32	-32	51	2	51.3	2.50	63.4	580	40	2320	160	24.8	630	2.352
PH253-40	-40	63	2.1/2	63.5	2.99	76.0	580	40	2105	145	29.9	760	2.640
PH253-48	-48	76	3	76.2	3.56	90.5	510	35	2030	140	35.4	900	3.798
PH253-64	-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"**