PH115 - TRACK SAFE - R1AT / 1SN

Applicable Standard : SAE J517-100R1AT / EN 853-1SN / ISO 1436 / EN 45545-2

Construction

Inner tube	Synthetic rubber - black resistant to oil and water
Reinforcement	Single steel wire braid
Cover	Synthetic rubber - black resistant to abrasion and weather, oil & ozone. Available in wrap and smooth finish*
Application	High performance Medium Pressure Hydraulic Lines 10 to 250 bar railway hose, for use with petroleum, synthetic or water-based fluids in Hydraulic systems. Hose meets hazard level HL1 & HL2 of R22 & R23. The specific fire-retardant cover minimizes the release of toxic substances & better visibility in case of fire. This compliance is crucial to enhance passenger safety and prevent the spread of fire within railway vehicles.

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
PH115-03	-03	05	3/16	5.1	0.45	11.5	3625	250	14500	1000	3.5	90	0.205
PH115-04	-04	06	1/4	6.7	0.52	13.1	3265	225	13050	900	3.9	100	0.262
PH115-05	-05	08	5/16	8.2	0.58	14.7	3120	215	12470	860	4.5	115	0.283
PH115-06	-06	10	3/8	9.8	0.67	17.1	2610	180	10440	720	4.9	125	0.383
PH115-08	-08	12	1/2	13.1	0.80	20.2	2320	160	9280	640	7.1	180	0.438
PH115-10	-10	16	5/8	16.2	0.92	23.3	1885	130	7540	520	7.9	200	0.536
PH115-12	-12	19	3/4	19.3	1.07	27.3	1525	105	6090	420	9.4	240	0.675
PH115-16	-16	25	1	25.9	1.39	35.3	1305	90	5150	355	11.8	300	1.008
PH115-20	-20	31	1.1/4	32.4	1.69	43.0	945	65	3700	255	16.5	420	1.443
PH115-24	-24	38	1.1/2	38.7	1.97	50.1	725	50	2900	200	19.7	500	1.735
PH115-32	-32	51	2	51.3	2.50	63.4	580	40	2320	160	24.8	630	2.352
PH115-40	-40	63	2.1/2	63.5	2.99	76.0	580	40	2105	145	29.9	760	2.640
PH115-48	-48	76	3	76.2	3.56	90.5	510	35	2030	140	35.4	900	3.798
PH115-64	-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 200,000 cycles, upto 1" I.D.