PH211 - TRACK SAFE - 2SC



Applicable Standard : EN 857 - 2SC / SAE 100R16 / ISO 11237 / EN 45545-2

Construction

Inner tube	Synthetic rubber - black resistant to oil and water
Reinforcement	Double steel wire braids
Cover	Synthetic rubber - black resistant to abrasion, weather, oil & ozone.
Application	High performance High Pressure Hydraulic Lines 125 to 400 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 1.1/2" & 2" not covered under SAE 100R16 & EN 857

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH211-04	-04	06	1/4	6.7	0.52	13.2	5800	400	23200	1600	2.0	50	0.323
PH211-05	-05	08	5/16	8.2	0.59	14.9	5075	350	20300	1400	2.2	55	0.366
PH211-06	-06	10	3/8	9.8	0.67	17.1	4785	330	19140	1320	2.6	65	0.466
PH211-08	-08	12	1/2	13.1	0.80	20.4	3990	275	15950	1100	3.5	90	0.624
PH211-10	-10	16	5/8	16.3	0.93	23.5	3625	250	14500	1000	3.9	100	0.736
PH211-12	-12	19	3/4	19.3	1.10	28	3120	215	12470	860	4.7	120	0.932
PH211-16	-16	25	1	25.9	1.41	35.7	2395	165	9570	660	5.9	150	1.324
PH211-20	-20	31	1.1/4	32.2	1.73	43.9	1815	125	7250	500	8.3	210	1.750
PH211-24	-24	38	1.1/2	38.7	1.89	48.0	1450	100	5800	400	9.8	250	1.760
PH211-32	-32	51	2	51.3	2.43	61.6	1305	90	5220	360	11.8	300	2.300

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

Intermittent : +120°C

Impulse Cycles : 200,000; Tested upto 400,000 cycles,upto 1"I.D

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