PH181 - TRACK SAFE - R4



Applicable Standard : SAE J517 - 100R4 / EN 45545-2

Construction

Inner tube	Synthetic rubber - black resistant to oil
Reinforcement	Plies of synthetic textile cords with steel wire helix and two cross anti static copper wires
Cover	Synthetic rubber - black resistant to abrasion and weather, oil & ozone.
Application	High performance suction return line railway 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 :

- 1.3/4"not covered under SAE 100R4

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH181-12	-12	19	3/4	19.0	1.18	30.0	365	25	1235	85	2.56	65	0.605
PH181-16	-16	25	1	25.0	1.50	38.0	290	20	1015	70	2.95	75	0.820
PH181-20	-20	31	1.1/4	32.0	1.77	45.0	220	15	870	60	4.13	105	1.100
PH181-24	-24	38	1.1/2	38.0	2.05	52.0	220	15	655	45	4.92	125	1.310
PH181-28	-28	44	1.3/4	45.0	2.20	56.0	145	10	435	30	5.91	150	1.420
PH181-32	-32	51	2	51.0	2.50	63.6	145	10	435	30	5.91	150	1.590
PH181-40	-40	63	2.1/2	64.0	3.00	76.2	75	5	290	20	7.09	180	2.400
PH181-48	-48	76	3	76.0	3.54	90.0	75	5	290	20	9.45	240	2.830
PH181-56	-56	89	3.1/2	89.0	4.05	103.0	75	5	290	20	10.24	260	3.500
PH181-64	-64	100	4	102.0	4.57	116.0	75	5	145	10	11.81	300	4.120

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

Vacuum : -0.9 bar