

### PH104 - TRACK SAFE - 2SNX - HP

**Applicable Standard :** Exceeds SAE 100R16/EN 857 / 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 and weather, oil & ozone.

**Application** High performance High Pressure Hydraulic Lines 110 to 290 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.

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH104-04	-04	06	1/4	6.7	0.53	13.4	6525	450	26100	1800	1.8	45	0.299
PH104-05	-05	08	5/16	8.2	0.59	15.0	6090	420	24360	1680	2.4	60	0.367
PH104-06	-06	10	3/8	9.8	0.69	17.4	5585	385	22330	1540	2.8	70	0.472
PH104-08	-08	12	1/2	13.1	0.81	20.6	5005	345	20010	1380	3.5	90	0.618
PH104-10	-10	16	5/8	16.2	0.94	24.0	4205	290	16820	1160	3.9	100	0.745
PH104-12	-12	19	3/4	19.3	1.09	27.7	4060	280	16240	1120	4.7	120	0.901
PH104-16	-16	25	1	25.9	1.40	35.6	2900	200	11600	800	8.3	210	1.261
PH104-20	-20	31	1.1/4	32.0	1.73	44.0	2540	175	10150	700	11.8	300	1.960



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

**Intermittent :** +120°C

**Impulse Cycles :** 200,000 cycles