

PH210 - TRACK SAFE - 1SC

Applicable Standard : EN 857 - 1SC / ISO 11237/ EN 45545-2



Construction

- Inner tube** Synthetic rubber - black resistant to oil & 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 75 to 225 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 : 1.1/4" 1SC not Covered under EN857

| Item Code | Dash Size | DN | ID | | OD | | WP | | BP | | BR/r | | W |
|-----------|-----------|----|-------|------|------|------|------|-----|-------|-----|------|-----|-------|
| | | | inch | mm | inch | mm | psi | bar | psi | bar | inch | mm | kg/m |
| PH210-04 | -04 | 06 | 1/4 | 6.7 | 0.51 | 13.0 | 3265 | 225 | 13050 | 900 | 2.0 | 50 | 0.216 |
| PH210-05 | -05 | 08 | 5/16 | 8.2 | 0.56 | 14.1 | 3120 | 215 | 12470 | 860 | 2.2 | 55 | 0.242 |
| PH210-06 | -06 | 10 | 3/8 | 9.8 | 0.64 | 16.3 | 2610 | 180 | 10440 | 720 | 2.4 | 60 | 0.308 |
| PH210-08 | -08 | 12 | 1/2 | 13.1 | 0.79 | 20.1 | 2320 | 160 | 9280 | 640 | 2.8 | 70 | 0.442 |
| PH210-10 | -10 | 16 | 5/8 | 16.2 | 0.89 | 22.5 | 1885 | 130 | 7540 | 520 | 3.5 | 90 | 0.481 |
| PH210-12 | -12 | 19 | 3/4 | 19.3 | 1.03 | 26.2 | 1525 | 105 | 6090 | 420 | 3.8 | 97 | 0.596 |
| PH210-16 | -16 | 25 | 1 | 25.9 | 1.35 | 34.2 | 1305 | 90 | 5150 | 355 | 5.9 | 150 | 0.885 |
| PH210-20 | -20 | 31 | 1.1/4 | 32.1 | 1.65 | 42.0 | 1090 | 75 | 4350 | 300 | 11.8 | 250 | 1.087 |
| PH210-24 | -24 | 38 | 1.1/2 | 38.7 | 1.97 | 50.0 | 725 | 50 | 2900 | 200 | 19.7 | 500 | 1.735 |
| PH210-24 | -24 | 38 | 1.1/2 | 38.7 | 1.97 | 50.0 | 725 | 50 | 2900 | 200 | 19.7 | 500 | 1.735 |



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

Intermittent : +120°C

Impulse Cycles : 150,000; Tested upto 300,000 cycles, upto 1" I.D