









Fighter 1SC Railway

EXCEEDS EN 857 1SC



Application

Medium pressure hose with extreme flexibility. Recommended for hydraulic applications where a tighter bend radius is needed. Specifically designed for railway applications. Suitable for passage of mineral and vegetable oils, water-based solutions, water air and inert gases.

| |  | | | |  | |  | |  | |  | |  | |
|----------------------|---|------|------|--------|---|------|---|------|---|-------|---|------|---|--------|
| | HOSE I.D. | | | | HOSE O.D. | | WORKING PRESSURE | | BURST PRESSURE | | MINIMUM BEND RADIUS | | WEIGHT | |
| | DN | size | mm | inch | mm | inch | bar | psi | bar | psi | mm | inch | Kg/m | lbs/ft |
| FGT1SC-06-04-RAILWAY | 06 | -4 | 6,4 | 1/4" | 12,1 | 0.48 | 275 | 4000 | 1100 | 16000 | 45 | 1.77 | 0,18 | 0.12 |
| FGT1SC-08-05-RAILWAY | 08 | -5 | 7,9 | 5/16" | 14 | 0.55 | 255 | 3700 | 1020 | 14800 | 55 | 2.17 | 0,23 | 0.15 |
| FGT1SC-10-06-RAILWAY | 10 | -6 | 9,5 | 3/8" | 15,8 | 0.62 | 215 | 3100 | 860 | 12400 | 60 | 2.36 | 0,27 | 0.18 |
| FGT1SC-12-08-RAILWAY | 12 | -8 | 12,7 | 1/2" | 19,4 | 0.76 | 170 | 2500 | 680 | 10000 | 70 | 2.76 | 0,36 | 0.24 |
| FGT1SC-16-10-RAILWAY | 16 | -10 | 15,9 | 5/8" | 22,6 | 0.89 | 150 | 2200 | 600 | 8800 | 90 | 3.54 | 0,41 | 0.28 |
| FGT1SC-19-12-RAILWAY | 19 | -12 | 19,0 | 3/4" | 26,3 | 1.04 | 125 | 1800 | 500 | 7200 | 100 | 3.94 | 0,53 | 0.36 |
| FGT1SC-25-16-RAILWAY | 25 | -16 | 25,4 | 1" | 33,7 | 1.33 | 100 | 1450 | 400 | 5800 | 160 | 6.30 | 0,76 | 0.51 |
| FGT1SC-31-20-RAILWAY | 31 | -20 | 31,8 | 1.1/4" | 41 | 1.61 | 90 | 1300 | 360 | 5200 | 210 | 8.27 | 1,05 | 0.71 |

Construction:
Tube: Black synthetic rubber resistant to oils
Reinforcement: One high tensile steel braid
Cover: Black, synthetic rubber resistant to oils, abrasion and weather condition

Temperature:
 -40°C to 100°C (125°C discontinuous)
 -40°F to 212°F (257°F discontinuous)
Certifications:
 EN45545-2

DIESE RUBBER HOSES S.p.A.

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