



Hydraulic Hose Tech Data Sheet

TECH DATA SHEET 5010

Hydraulic Hose Range

Oil Return/Fuel Hose SAE 100R6

Application:

Low pressure hydraulic applications, for use with push style fittings.

Specification:

SAE100 R6, exceeds EN854

Construction:

Inner tube: oil resistant synthetic rubber (NBR)

Reinforcement: 1 single textile yarn braid

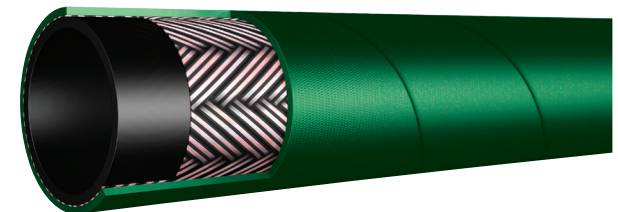
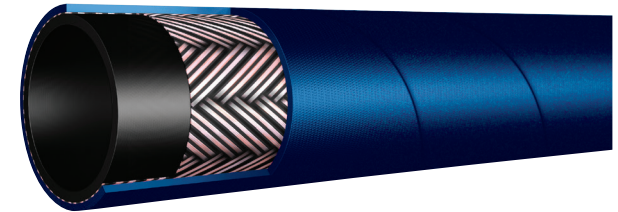
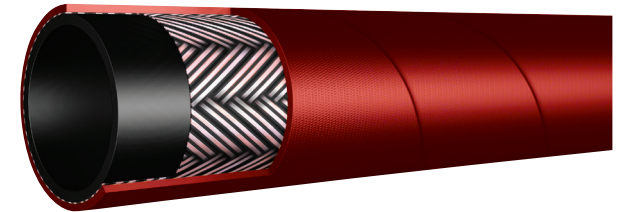
Outer cover: oil and weather resistant synthetic rubber

Recommended Fluids:

Hose suitable for petroleum based hydraulic oil and water-glycol based fluids, air and water

Available per 1 metre

° Working Temperature:
-40°C to +100°C



| Part Number | Size | | | ID mm | | OD mm | | Working Pressure | | Burst Pressure | | Bend Radius | | Weight |
|-------------|------|-------|-----|-------|------|-------|------|------------------|-----|----------------|------|-------------|-----|--------|
| | mm | Inch | SAE | Min. | Max. | Min. | Max. | Bar | psi | Bar | psi | mm | mm | Kg/m |
| 100R6-04 | 6.3 | 1/4" | -4 | 5.6 | 7.2 | 11.9 | 13.5 | 28 | 406 | 112 | 1624 | 2.56 | 65 | 0.13 |
| 100R6-05 | 8 | 5/16" | -5 | 7.2 | 8.8 | 13.5 | 15.1 | 28 | 406 | 112 | 1624 | 2.95 | 75 | 0.15 |
| 100R6-06 | 10 | 3/8" | -6 | 8.7 | 10.3 | 15.1 | 16.7 | 28 | 406 | 112 | 1624 | 2.95 | 75 | 0.18 |
| 100R6-08 | 12.5 | 1/2" | -8 | 11.9 | 13.5 | 19.0 | 20.6 | 28 | 406 | 112 | 1624 | 3.94 | 100 | 0.26 |
| 100R6-10 | 16 | 5/8" | -10 | 15.1 | 16.7 | 22.2 | 23.8 | 24 | 348 | 96 | 1392 | 4.92 | 125 | 0.31 |
| 100R6-12 | 19 | 3/4" | -12 | 18.3 | 19.9 | 25.4 | 27.8 | 21 | 305 | 84 | 1218 | 5.91 | 150 | 0.40 |
| 100R6-16 | 25 | 1" | -16 | 25 | 25.8 | 31.9 | 33.1 | 20 | 290 | 80 | 1160 | 8.07 | 205 | 0.55 |

FT PRO 100R6-04-50 - EN854 - SAE 100R6 - 1/4" - 06MM - W.P.28 BAR (Q1 23)