

High pulsing

Extremely high abrasion resistance

SAE 100 R15

Construction







Synthetic rubber inner tube
Six high tensile steel wire spirals
Synthetic rubber cover

Recommended fluid

Petroleum base hydraulic fluids

Temperature range

Hydraulic oils: -40°C to +100°C (-40°F to +212°F) ;
Intermittent service: +100°C (+248°F)
Max. Temperature recommended for water base hydraulic fluids: +70°C(+158°F)
Max. Temperature recommended for air: +60°C(+140°F)

| HOSE TYPE |  Internal diameter | | |  External diameter |  Min. bend radius |  Max. Working pressure | |  Min. Burst pressure | |  Weight |
|-----------|--|--------|----|--|---|--|------|--|-------|---|
| | Size | Inch | DN | mm | mm | Bar | Psi | Bar | Psi | Kg/m |
| R15-12 | -12 | 3/4" | 19 | 32,0 | 265 | 420 | 6050 | 1680 | 24350 | 1,55 |
| R15-16 | -16 | 1" | 25 | 38,2 | 330 | 420 | 6050 | 1680 | 24350 | 2,08 |
| R15-20 | -20 | 1-1/4" | 31 | 49,8 | 445 | 420 | 6050 | 1680 | 24350 | 3,70 |
| R15-24 | -24 | 1-1/2" | 38 | 57,2 | 530 | 420 | 6050 | 1680 | 24350 | 4,90 |
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Size: hose internal diameter according to SAE J517

Inch: hose internal diameter in inches

DN: nominal internal diameter according to manufacturing prescription (EN)

1 bar = 14,503 pound per square inch (PSI)