



# TORNARE 4



## SAE 100R4 – 10.1219.

According to SAE J517 type SAE 100R4, suction & delivery hydraulic hose.

| REFERENCE | #          | inch   | SAE Dash | ID<br>mm | OD<br>mm | MPa<br>PSI         | MPa<br>PSI         | MIN BEND RAD<br>mm | KG<br>kg/m |
|-----------|------------|--------|----------|----------|----------|--------------------|--------------------|--------------------|------------|
| R4-12     | 10.1219.12 | 3/4"   | -12      | 19,0     | 34,9     | <b>2.1</b><br>310  | <b>8.4</b><br>1240 | 127                | 0,75       |
| R4-16     | 10.1219.16 | 1"     | -16      | 25,4     | 41,3     | <b>1.7</b><br>250  | <b>6.8</b><br>1000 | 152                | 0,93       |
| R4-20     | 10.1219.20 | 1.1/4" | -20      | 31,8     | 50,8     | <b>1.4</b><br>210  | <b>5.6</b><br>840  | 203                | 1,25       |
| R4-24     | 10.1219.24 | 1.1/2" | -24      | 38,1     | 57,2     | <b>1.05</b><br>160 | <b>4.2</b><br>640  | 254                | 1,54       |
| R4-32     | 10.1219.32 | 2"     | -32      | 50,8     | 69,9     | <b>0.7</b><br>110  | <b>2.8</b><br>440  | 305                | 2,00       |
| R4-40     | 10.1219.40 | 2.1/2" | -40      | 63,5     | 82,6     | <b>0.4</b><br>60   | <b>1.6</b><br>240  | 356                | 2,50       |
| R4-48     | 10.1219.48 | 3"     | -48      | 76,2     | 95,3     | <b>0.4</b><br>60   | <b>1.6</b><br>240  | 457                | 3,20       |
| R4-56     | 10.1219.56 | 3.1/2" | -56      | 88,9     | 108,0    | <b>0.3</b><br>50   | <b>1.2</b><br>200  | 533                | 4,03       |
| R4-64     | 10.1219.64 | 4"     | -64      | 101,6    | 121,0    | <b>0.25</b><br>40  | <b>1.0</b><br>160  | 610                | 5,04       |

**INNER TUBE:** seamless oil resistant synthetic rubber

**REINFORCEMENT:** textile braids and 2 high strength steel wire helix

**SAFETY FACTOR:** 4:1

**OUTER TUBE:** black wrapped, oil, weather and abrasion resistant synthetic rubber

**APPLICATION:** suction, delivery, return & discharge of petroleum base hydraulic fluids

**TEMPERATURE RANGE:** -40°C (-40°F) +100°C (+212°F); Intermittent service: +120°C (+248°F); Max. temperature recommended for water base hydraulic fluids: +70°C (+158°F); Max. temperature recommended for air: +60°C (+140°F)

**COUPLINGS:** Balflex® 2-piece fittings serie 23 with 20 serie ferrules. Balflex® multicrimp fittings serie BW23

**COVER:** U.S. MSHA approved

**BALFLEX TORNARE 4 SAE 100R4 - DN19 - 3/4" - WP 2.1 MPa 310 PSI - Flame Resistant - MSHA IC-252/00**