

Balflex® BALPAC PREMIUM SAE 100R16



Balflex® BALPAC PREMIUM SAE 100R16 – 10.1019.

According to **SAE J517** Norm type / **SAE 100R16** / **ISO 11237 –1** Norm type **R16**

Exceeds SAE 100R16

Very High pressure, double steel wire braid reinforced hydraulic hose



- Inner tube:** seamless oil resistant synthetic rubber
- Reinforcement:** 2 high tensile steel wire braids
- Outer tube:** black, oil, weather and abrasion resistant synthetic rubber
- Safety factor:** 4: 1
- Application:** 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®** crimped fittings 23 serie with ferrules 20 serie. Multicrimp P23 serie

| part number | Ø nom. | dash size | Ø internal | | Ø external | | working pressure | | min. burst pressure | | min. bend radius | | weight |
|-------------|--------|-----------|------------|------|------------|------|------------------|------|---------------------|-------|------------------|------|--------|
| | | | mm | inch | mm | inch | MPa | PSI | MPa | PSI | mm | inch | |
| 10.1019.04 | 1/4" | - 4 | 6,3 | 0.25 | 13,3 | 0.52 | 40.0 | 5800 | 160.0 | 23200 | 50 | 2.0 | 0,27 |
| 10.1019.05 | 5/16" | - 5 | 8,0 | 0.31 | 15,0 | 0.59 | 35.0 | 5075 | 140.0 | 20300 | 57 | 2.2 | 0,30 |
| 10.1019.06 | 3/8" | - 6 | 9,5 | 0.38 | 17,1 | 0.67 | 33.0 | 4785 | 132.0 | 19140 | 65 | 2.6 | 0,42 |
| 10.1019.08 | 1/2" | - 8 | 12,7 | 0.50 | 20,6 | 0.81 | 27.6 | 4000 | 110.4 | 16000 | 90 | 3.5 | 0,52 |
| 10.1019.10 | 5/8" | - 10 | 16,0 | 0.63 | 23,7 | 0.93 | 25.0 | 3625 | 100.0 | 14500 | 100 | 3.9 | 0,63 |
| 10.1019.12 | 3/4" | - 12 | 19,0 | 0.75 | 27,7 | 1.09 | 21.5 | 3118 | 86.0 | 12472 | 120 | 4.7 | 0,80 |
| 10.1019.16 | 1" | - 16 | 25,4 | 1.00 | 35,8 | 1.41 | 16.5 | 2393 | 66.0 | 9572 | 150 | 5.9 | 1,22 |

COVER: U.S. MSHA APPROVED

Construction characteristics and dimensions may be changed at any time without prior notice.

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