

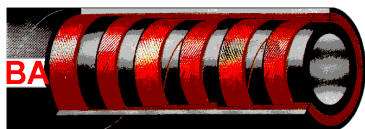


Balflex® POWERSPIR SAE 100R15

Balflex® POWERSPIR SAE 100R15 – 6000PSI – 10.1016.

According to ISO 3862 / EN 856 type R15 / SAE J517 type R15

Very high pressure, four or six steel wire spirals reinforced hydraulic hose



- Inner tube:** seamless oil resistant synthetic rubber
- Reinforcement:** 4 or 6 spirals of high tensile steel wire
- 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 series 26 with ferrules 20 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 | |
| 10.1008.06* | 3/8" | - 6 | 9,5 | 0.38 | 21,4 | 0.84 | 44.5 | 6453 | 178.0 | 25812 | 130 | 5.1 | 0,80 |
| 10.1008.08* | 1/2" | - 8 | 12,7 | 0.50 | 24,6 | 0.97 | 42.0 | 6000 | 168.0 | 24000 | 180 | 7.1 | 1,15 |
| 10.1009.12** | 3/4" | - 12 | 19,0 | 0.75 | 33,0 | 1.30 | 42.0 | 6000 | 168.0 | 24000 | 267 | 10.5 | 1,56 |
| 10.1016.16 | 1" | - 16 | 25,4 | 1.00 | 42,9 | 1.69 | 42.0 | 6000 | 168.0 | 24000 | 330 | 13.0 | 2,10 |
| 10.1016.20 | 1.1/4" | - 20 | 32,0 | 1.25 | 51,5 | 2.03 | 42.0 | 6000 | 168.0 | 24000 | 445 | 17.5 | 3,65 |
| 10.1016.24 | 1.1/2" | - 24 | 38,0 | 1.50 | 59,6 | 2.32 | 42.0 | 6000 | 168.0 | 24000 | 533 | 21.0 | 5,00 |

Note: According to ISO 3862 / EN 856 type R15 / SAE J517 type R15, the Balflex® POWERSPIR SAE 100R15 hose is of 4 steel wire spirals on sizes – 6 (3/8"), 8 (1/2"), – 12 (3/4") and – 16 (1") and of 6 steel wire spirals on sizes – 20 (1.1/4") and – 24 (1.1/2").

According to ISO 3862 / SAE J517 type R15 doesn't exist the size – 32 (2").

*On sizes – 6 (3/8") and - 8 (1/2") the Balflex® POWERSPIR DIN EN 856 4SP and SAE 100R15 hoses are the same

**On size – 12 (3/4") the Balflex® POWERSPIR DIN EN 856 4SH and SAE 100R15 hoses are the same

COVER: U.S. MSHA APPROVED

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

The data contained herein is information purposes only and does not enlarge, amend or imply any warranty other than provided by the manufacturer with the product. Any use of the product not in conformance with the manufacturer's instructions may be dangerous.

Only items in this catalogue are carried in stock. Some items are subjected to minimum quantities or sold only in multiples of standard quantities. Please refer to the price list or contact our commercial department.

Balflex® – The European Technology