

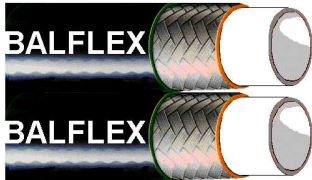


# Balflex® EN 855 R8 / SAE 100R8 TWIN

## Balflex® EN 855 R8 / SAE 100R8 TWIN – 10.1036.

According to ISO 3949 / EN 855 type R8 / SAE J517 type SAE 100R8

**High pressure, single aramidic braid reinforced thermoplastic hydraulic twin line hose**



- Inner tube:** seamless oil resistant thermoplastic
- Reinforcement:** 1 high tensile aramidic fiber braid
- Outer tube:** black, oil and weather resistant thermoplastic
- Safety factor:** 4: 1
- Application:** petroleum base hydraulic fluids
- Temperature range:** - 40°C (- 40°F) + 100°C (+ 212°F)  
Max. temperature recommended for water base hydraulic fluids: + 65°C (+ 149°F)
- Couplings:** Balflex® crimped fittings 23 serie 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 |        |
| 10.1036.03  | 3/16"  | - 3       | 4,8        | 0.19 | 10,3       | 0.41 | 35.0             | 5075 | 140.0               | 20300 | 35               | 1.38 | 0,18   |
| 10.1036.04  | 1/4"   | - 4       | 6,3        | 0.25 | 12,4       | 0.49 | 35.0             | 5075 | 140.0               | 20300 | 50               | 1.96 | 0,20   |
| 10.1036.05  | 5/16"  | - 5       | 8,0        | 0.31 | 14,2       | 0.55 | 30.0             | 4350 | 120.0               | 17400 | 60               | 2.36 | 0,26   |
| 10.1036.06  | 3/8"   | - 6       | 9,5        | 0.38 | 15,7       | 0.62 | 28.0             | 4060 | 112.0               | 16240 | 80               | 3.15 | 0,36   |
| 10.1036.08  | 1/2"   | - 8       | 12,7       | 0.50 | 19,3       | 0.76 | 24.5             | 3553 | 98.0                | 14212 | 95               | 3.74 | 0,44   |
| 10.1036.10  | 5/8"   | - 10      | 16,0       | 0.63 | 23,1       | 0.91 | 20.0             | 2900 | 80.0                | 11600 | 125              | 4.92 | 0,62   |
| 10.1036.12  | 3/4"   | - 12      | 19,0       | 0.75 | 26,4       | 1.04 | 16.5             | 2393 | 66.0                | 9572  | 150              | 5.90 | 0,72   |
| 10.1036.16  | 1"     | - 16      | 25,4       | 1.00 | 33,3       | 1.31 | 14.0             | 2030 | 56.0                | 8120  | 200              | 7.87 | 1,02   |

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.

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