



**Balflex®**

## TEXMASTER 1

DIN EN 854 1TE / SAE 100R6 – 10.1216.

Medium pressure, single textile braid reinforced hydraulic hose



| REFERENCE | #          | DN   | inch  | SAE Dash | ID<br>mm | OD<br>mm | MPa<br>PSI     | MPa<br>PSI       | MIN BEND RAD<br>mm | KG<br>kg/m |
|-----------|------------|------|-------|----------|----------|----------|----------------|------------------|--------------------|------------|
| 1TE-R6-03 | 10.1216.03 | DN5  | 3/16" | -3       | 4,8      | 10,8     | <b>3.4</b> 500 | <b>13.8</b> 2000 | 51                 | 0,13       |
| 1TE-R6-04 | 10.1216.04 | DN6  | 1/4"  | -4       | 6,3      | 12,4     | <b>2.8</b> 410 | <b>11.0</b> 1640 | 64                 | 0,14       |
| 1TE-R6-05 | 10.1216.05 | DN8  | 5/16" | -5       | 8,0      | 13,9     | <b>2.8</b> 410 | <b>11.0</b> 1640 | 76                 | 0,18       |
| 1TE-R6-06 | 10.1216.06 | DN10 | 3/8"  | -6       | 9,5      | 15,4     | <b>2.8</b> 410 | <b>11.0</b> 1640 | 76                 | 0,19       |
| 1TE-R6-08 | 10.1216.08 | DN12 | 1/2"  | -8       | 12,7     | 18,6     | <b>2.8</b> 410 | <b>11.0</b> 1640 | 102                | 0,27       |
| 1TE-R6-10 | 10.1216.10 | DN16 | 5/8"  | -10      | 16,0     | 22,9     | <b>2.4</b> 350 | <b>9.7</b> 1400  | 127                | 0,31       |
| 1TE-R6-12 | 10.1216.12 | DN19 | 3/4"  | -12      | 19,0     | 26,6     | <b>2.1</b> 310 | <b>8.3</b> 1240  | 152                | 0,43       |
| 1TE-R6-14 | 10.1216.14 | DN22 | 7/8"  | -14      | 22,0     | 31,3     | <b>2.2</b> 320 | <b>8.8</b> 1280  | 200                | 0,59       |
| 1TE-R6-16 | 10.1216.16 | DN25 | 1"    | -16      | 25,4     | 33,0     | <b>1.7</b> 250 | <b>6.8</b> 1000  | 203                | 0,59       |

**INNER TUBE:** seamless oil resistant synthetic rubber  
**REINFORCEMENT:** 1 high resistance synthetic fiber braid  
**OUTER TUBE:** black wrapped, oil, weather and abrasion resistant synthetic rubber

**SAFETY FACTOR:** 4:1  
**TEMPERATURE RANGE:** -40°C (-40°F) +100°C (+212°F); Max. temperature recommended for water base hydraulic fluids: +70°C (+158°F); Max. temperature recommended for air: +50°C (+122°F)

**COUPLINGS:** Balflex® 2-piece fittings serie 23 with 20 serie ferrules  
**APPLICATION:** petroleum base hydraulic fluids

**COVER:** U.S. MSHA APPROVED  
**NOTES:** Sizes -14 (DN 22) 7/8" and -16 (DN 25) 1" not included in the standards

**BALFLEX TEXMASTER 1 SAE 100R6 / EXCEEDS DIN EN 854 - 1TE - DN5 - 3/16" - ISO 4079 - WP 3.4 MPa 500 PSI - Flame Resistant - MSHA IC-252/00**

## TEXMASTER 2

DIN EN 854 2TE – 10.1217.

Medium pressure, single textile braid reinforced hydraulic hose



| REFERENCE | #          | DN   | inch  | SAE Dash | ID<br>mm | OD<br>mm | MPa<br>PSI      | MPa<br>PSI       | MIN BEND RAD<br>mm | KG<br>kg/m |
|-----------|------------|------|-------|----------|----------|----------|-----------------|------------------|--------------------|------------|
| 2TE-03    | 10.1217.03 | DN5  | 3/16" | -3       | 4,8      | 11,8     | <b>8.0</b> 1200 | <b>32.0</b> 4800 | 25                 | 0,12       |
| 2TE-04    | 10.1217.04 | DN6  | 1/4"  | -4       | 6,3      | 13,4     | <b>7.5</b> 1100 | <b>30.0</b> 4400 | 40                 | 0,14       |
| 2TE-05    | 10.1217.05 | DN8  | 5/16" | -5       | 8,0      | 14,9     | <b>6.8</b> 990  | <b>27.2</b> 3960 | 50                 | 0,18       |
| 2TE-06    | 10.1217.06 | DN10 | 3/8"  | -6       | 9,5      | 16,5     | <b>6.3</b> 920  | <b>25.2</b> 3680 | 60                 | 0,19       |
| 2TE-08    | 10.1217.08 | DN12 | 1/2"  | -8       | 12,7     | 19,7     | <b>5.8</b> 850  | <b>23.2</b> 3400 | 70                 | 0,27       |
| 2TE-10    | 10.1217.10 | DN16 | 5/8"  | -10      | 16,0     | 23,9     | <b>5.0</b> 730  | <b>20.0</b> 2920 | 90                 | 0,31       |
| 2TE-12    | 10.1217.12 | DN19 | 3/4"  | -12      | 19,0     | 27,0     | <b>4.5</b> 660  | <b>18.0</b> 2640 | 110                | 0,43       |
| 2TE-16    | 10.1217.16 | DN25 | 1"    | -16      | 25,4     | 34,4     | <b>4.0</b> 580  | <b>16.0</b> 2320 | 150                | 0,59       |

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**COUPLINGS:** Balflex® 2-piece fittings serie 23 with 20 serie ferrules  
**COVER:** U.S. MSHA APPROVED

**BALFLEX TEXMASTER 2 DIN EN 854 - 2TE - DN5 - 3/16" - ISO 4079 - WP 8 MPa 1200 PSI - Flame Resistant - MSHA IC-252/00**