

# SAE 100 R6



## Applications

Textile reinforced rubber hose for hydraulic control lines. Discharge under pressure of hydraulic fluids, fuel, grease, air, and water.

## Advantages

- Light weight and flexible due to the textile reinforcement.
- Elimination of vibrations in the hydraulic lines.
- Hose cover is highly resistant to oil and grease.



## Technical description

**Inner tube:** oil resistant NBR, black, smooth.

**Reinforcement:** synthetic textile, one braid.

**Cover:** oil and weather resistant CR/SBR, black, smooth.

**Temperature range:** - 40 °C to +100 °C.

**Branding:** continuous embossed marking :

T – SAE 100 R6 – ID – EN 854 – quaterly / year

**Standard / approval:** SAE J 517 type 100 R6 and EN 854 Type R6.

| inches | ID   |               | Wall thickness<br>mm | OD<br>mm | Working<br>pressure<br>bar | Bursting<br>pressure<br>bar | Bending<br>radius<br>mm | Weight<br>kg/m | Length<br>m | Article<br>No. | Stock<br>item |
|--------|------|---------------|----------------------|----------|----------------------------|-----------------------------|-------------------------|----------------|-------------|----------------|---------------|
|        | mm   | - 0.3 / + 0.5 |                      |          |                            |                             |                         |                |             |                |               |
| 1/4    | 6.4  | - 0.3 / + 0.5 | 3.15 ± 0.3           | 12.7     | 28                         | 112                         | 64                      | 0.11           | 20          | 60460          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 40          | 60461          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 80          | 60462          | 1             |
|        |      |               |                      |          |                            |                             |                         |                | 120         | 60463          | ●             |
| 5/16   | 7.9  | - 0.3 / + 0.5 | 3.20 ± 0.3           | 14.3     | 28                         | 112                         | 76                      | 0.13           | 20          | 60464          | 1             |
|        |      |               |                      |          |                            |                             |                         |                | 40          | 60465          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 80          | 60466          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 120         | 60467          | ●             |
| 3/8    | 9.5  | - 0.3 / + 0.5 | 3.20 ± 0.3           | 15.9     | 28                         | 112                         | 76                      | 0.15           | 20          | 60468          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 40          | 60469          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 80          | 60470          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 120         | 60471          | ●             |
| 1/2    | 12.7 | - 0.3 / + 0.6 | 3.55 ± 0.3           | 19.8     | 28                         | 112                         | 100                     | 0.21           | 20          | 60472          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 40          | 60473          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 80          | 60474          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 120         | 60475          | ●             |
| 5/8    | 15.9 | - 0.3 / + 0.6 | 3.55 ± 0.3           | 23.0     | 24                         | 97                          | 125                     | 0.25           | 20          | 60476          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 40          | 60477          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 80          | 60478          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 120         | 60479          | ●             |
| 3/4    | 19.0 | - 0.3 / + 0.8 | 4.25 ± 0.3           | 27.5     | 21                         | 83                          | 147                     | 0.37           | 20          | 60480          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 40          | 60481          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 80          | 60482          | ●             |
|        |      |               |                      |          |                            |                             |                         |                | 120         | 60483          | ●             |

● = Stock item.  
1 = Non stock, min. quantity = consult us

H3 3 37 10 D /30 08 2005