



## Applications

For high pressure transfer of petroleum products and low pressure hydraulic drives and oil return.

Also for handling light or heavy petroleum derivatives, chemicals and anti freeze agents, oil charged compressed air, industrial alkaline, and salt water.

## Advantages

- Excellent resistance to ageing, atmospheric conditions and ozone.
- Very good resistance to pressure.
- Special compound to resist petroleum products with aromatic content <50%.
- Static conductivity assured by the tube.



## Technical description

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

**Reinforcement:** synthetic textile.

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

**Temperature range:** -30 °C to +100 °C.

**Electrical properties:** conductive tube  $R < 10^6 \Omega/m$ .

**Branding:** with a discontinuous succession of reversed trapeziums printed in blue ink, and between each sequence of trapeziums, printed alternately in blue ink :



TRELLEBORG

and

POLYOIL 80 -  $R < 10^6 \Omega/m$

| ID<br>mm | Wall<br>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 |       |   |
|----------|-------------------------|----------|----------------------------|-----------------------------|-------------------------|----------------|-------------|----------------|---------------|-------|---|
| 6.0      | ± 0.4                   | 3.50     | 13.0                       | ± 0.5                       | 20                      | 80             | 30          | 0.14           | 20            | 60428 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 40            | 60429 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 100           | 60431 | ● |
| 8.0      | ± 0.5                   | 3.50     | 15.0                       | ± 0.6                       | 20                      | 80             | 34          | 0.17           | 20            | 60432 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 40            | 60433 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 100           | 60435 | ● |
| 10.0     | ± 0.5                   | 3.50     | 17.0                       | ± 0.6                       | 20                      | 80             | 38          | 0.19           | 20            | 60436 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 40            | 60437 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 100           | 60439 | ● |
| 13.0     | ± 0.6                   | 4.00     | 21.0                       | ± 0.7                       | 20                      | 80             | 45          | 0.28           | 20            | 60440 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 40            | 60441 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 100           | 60443 | ● |
| 16.0     | ± 0.7                   | 4.25     | 24.5                       | ± 0.8                       | 20                      | 80             | 53          | 0.35           | 20            | 60444 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 40            | 60445 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 100           | 60447 | ● |
| 19.0     | ± 0.7                   | 4.50     | 28.0                       | ± 0.8                       | 20                      | 80             | 58          | 0.43           | 20            | 60448 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 40            | 60449 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 100           | 60451 | ● |
| 25.0     | ± 1.0                   | 5.00     | 35.0                       | ± 1.0                       | 20                      | 80             | 77          | 0.62           | 20            | 60452 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 40            | 60453 | ● |
|          |                         |          |                            |                             |                         |                |             |                | 80            | 60454 | ● |

● = Stock item.