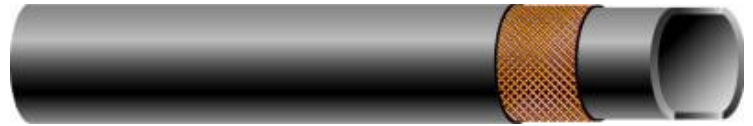


# TU40

Mineral oil - 40 bar



## SPECIFICATIONS

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | <p>The TU40 hose quality is known as a very well established multipurpose hose which can be used in various applications as for example in industry, construction, agriculture or vehicle repair shops.</p> <p>By offering 40bar working pressure combined with very low temperature resistance the hose is perfectly designed for most demanding high pressure mineral oil &amp; compressed air applications.</p>                                                                                                                                                                                                                               |
| <b>Feature</b>           | <p>Our TU40 product can be used for B7 [EN 590:2017] and B20 with a maximum aromatic content of 50%.</p> <p>For the usage with B100 [pure biodiesel / 100% FAME/RME]] as well as E5 [EN 228:2017], E10, E85 and E100 a sufficient suitability needs to be checked under real working conditions prior usage.</p>                                                                                                                                                                                                                                                                                                                                 |
| <b>Temperature range</b> | -45°C / +100°C, compressed air -45°C / +70°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Safety factor</b>     | 4 : 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tube</b>              | NBR, black, electrically conductive, smooth.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Reinforcement</b>     | Textile spiral.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cover</b>             | NBR/EPDM, black, resistant to ozone and weather, abrasion resistant, resistant to oil, electrically conductive, smooth.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Marking</b>           | continuous inkjet, white letters: "SEMPERIT [S] TU 40 Öl/Luft Oil/Air PN 40 bar Conductive R < 10 <sup>6</sup> Ohm/m MADE IN EU //////////////".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Notice</b>            | <p>The usage of our product is only allowed for land and sea applications.</p> <p>ATTENTION: For last valid information regarding oil &amp; fuel suitability please always refer to the <a href="#">Semperit oil &amp; fuel suitability matrix</a> or, in case of doubt, contact Semperit.</p> <p>ATTENTION: Not to be used as a petrol pump hose.</p> <p>ATTENTION: Not suitable for the usage as fuel line hose of vehicles and in engine compartments.</p> <p>ATTENTION: Not suitable for supply of any engine-driven vehicles</p> <p>Tolerances according to producer specification. 50m coil: max. 3 pieces in coil, minimal length 5m.</p> |

# TECHNICAL DETAILS

| <div></div> |            |      |            |            |                       |                   |                       |                |                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|------------|------------|-----------------------|-------------------|-----------------------|----------------|--------------------|
| Article number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Internal-Ø |      | Wall width | External-Ø | Work. pressure [max.] | Number of inserts | Bending radius [min.] | Weight approx. | Coil length [max.] |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | mm         | inch | mm         | mm         | bar                   |                   | mm                    | kg/m           | m                  |
| 68176 0435                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.0        |      | 3.5        | 11.0       | 40                    | 2                 | 25                    | 0.13           | -                  |
| 68176 0635                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6.0        | 1/4  | 3.5        | 13.0       | 40                    | 2                 | 40                    | 0.17           | -                  |
| 68176 0835                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8.0        | 5/16 | 3.5        | 15.0       | 40                    | 2                 | 50                    | 0.20           | -                  |
| 68176 1035                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10.0       | 3/8  | 3.5        | 17.0       | 40                    | 2                 | 60                    | 0.25           | -                  |

**Please note:** Before using our products with new or untested media, or for applications that are not clearly indicated in the product information, written advice must be obtained from a specialist dealer or a Semperit application engineer. For safety reasons, all products must be inspected regularly for operational safety and replaced in the event of any damage (especially of the cover) or unusual signs of wear and tear. All products must be stored, handled, and maintained in accordance with all our respective instructions and DIN 7716:1982. The information in our catalogue as well as each individual datasheet is subject to change at any time without notice since we are constantly developing and improving our products and due to constant technical developments after the latest release date of the catalogue and/or individual datasheets. To always have the latest product and safety information make sure you visit our website [hoses.semperitgroup.com] regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts concluded with us are exclusively subject to our general terms and conditions [available at semperitgroup.com]. Additional important general information about the range, choice and safe use of our products can be found at our website [hoses.semperitgroup.com] and must be followed without exception.

**Important notice:** Our catalogue and any individual datasheet have been prepared with great care in order to provide you with all the information you need. The information contained therein is based on the state-of-the-art industrial technology and many years of experience and testing; whenever indicated for a certain product, we also confirm conformity with the resistance requirements of the media listed in ISO TR 7620:2005(E). However, the individual conditions of storage, maintenance and use decisively affect the safe and durable use of each product. The quality and safety of our products as indicated in the catalogue or individual datasheets are therefore strictly subject to your continuous observance of all specifications and restrictions in our written product information and applicable laws and standards, the specifications regarding resistance to chemicals and our cleaning procedures. We reject any liability for safety issues or other consequences due to improper product choice, maintenance, or handling [e.g. squashing, rupturing, stretching, or filling with non-approved media]. Our products must not be used in airplanes or other aerial vehicles under any circumstance. Products delivered by us to the USA are manufactured according to IRPM-IP2, unless specified otherwise. All other hoses are manufactured according to EN ISO 1307:2008, unless specified otherwise. Our products are not designated for the sale to the general public and do not fulfill the conditions for "GS-certification", unless stated otherwise in the product datasheet.