

# TU20

Mineral oil - 20 bar



## SPECIFICATIONS

|                          |  |
|--------------------------|--|
| <b>Application</b>       | The TU20 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  |
| <b>Feature</b>           | Our TU20 product can be used for E5 (EN 228:2017) and E10 as well for B7 (EN 590:2017) and B20 with a maximum aromatic content of 50%.<br>For the usage with B100 (pure biodiesel / 100% FAME/RME) as well as E85 and E100 a sufficient suitability needs to be checked under real working conditions prior usage.   |
| <b>Standard/Approval</b> | BS 2050:1978.<br>BS ISO 2878:2017.   |
| <b>Temperature range</b> | -40°C / +100°C.  |
| <b>Safety factor</b>     | 3 : 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 20 NBR Öl/Luft Oil/Air PN 20 bar Conductive R < 10 <sup>6</sup> Ohm/m".   |
| <b>Notice</b>            | The usage of our product is only allowed for land and sea applications.<br>ATTENTION: For last valid information regarding oil & fuel suitability please always refer to the <a href="#">Semperit oil &amp; fuel suitability matrix</a> or, in case of doubt, contact Semperit.<br>ATTENTION: Not to be used as a petrol pump hose.<br>ATTENTION: Not suitable for the usage as fuel line hose of vehicles and in engine compartments.<br>ATTENTION: Not suitable for supply of any engine-driven vehicles |

# TECHNICAL DETAILS

| 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                  |
| 68179 0649     | 6.0        | 1/4  | 4.0        | 14.0       | 20                    | 2                 | 40                    | 0.16           | 100                |
| 68179 0849     | 8.0        | 5/16 | 4.0        | 16.0       | 20                    | 2                 | 50                    | 0.20           | 100                |
| 68179 1040     | 10.0       | 3/8  | 4.0        | 18.0       | 20                    | 2                 | 60                    | 0.22           | 50                 |
| 68179 1340     | 13.0       | 1/2  | 4.0        | 21.0       | 20                    | 2                 | 80                    | 0.28           | 50                 |
| 68179 1645     | 16.0       | 5/8  | 4.5        | 25.0       | 20                    | 2                 | 100                   | 0.38           | 50                 |
| 68179 1950     | 19.0       | 3/4  | 5.0        | 29.0       | 20                    | 2                 | 120                   | 0.50           | 50                 |
| 68179 2555     | 25.0       | 1    | 5.5        | 36.0       | 20                    | 2                 | 150                   | 0.69           | 50                 |

**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 [<https://hoses.semperitgroup.com/>] regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts with Semperflex are exclusively subject to our general terms and conditions [available at [www.semperitgroup.com](http://www.semperitgroup.com)]. Additional important general information about the range, choice and safe use of our products can be found at our website [<https://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 latest 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 the 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. Unless specified otherwise, all hoses are manufactured according to EN ISO 1307:2008. 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.