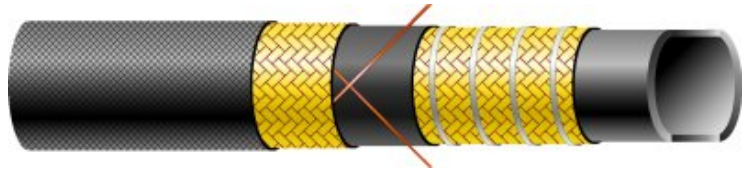


# TM1-TANKMEISTER®

Fuel/Oil - 16 bar - S&D - EN1761



## SPECIFICATIONS

<b>Application</b>	Compact suction and delivery hose for filling and discharging tanks, petrol tankers and ships with unleaded fuels [EN228:2017] with oxygen content limited according to EEC 85/536 and with an aromatic content of components 50% max. Suitable for industrial oils, diesel oils [EN 590:2017], fuel oils [DIN 51 603 parts 1 - 5] and mineral-oil based hydraulic oils. Also suitable for applications according to EN 12115 in the petrochemicals industry.
<b>Feature</b>	This hose has been tested according to the technical regulations for combustible liquids [TRbF] 131/2:1992.
<b>Standard/Approval</b>	EN 1761:1999, EN 12115:2021.
<b>Temperature range</b>	-30°C / +90°C.
<b>Safety factor</b>	4 : 1
<b>Tube</b>	NBR, black, electrically conductive, smooth.
<b>Reinforcement</b>	Textile braided [DN > 75 wrapped], zinc plated steel wire helix, 2 crossed copper wires.
<b>Cover</b>	CR, black, resistant to ozone and weather, abrasion resistant, resistant to oil, electrically conductive, cloth impression.
<b>Marking</b>	continuous mylartape, yellow letters: "SEMPERIT [S] TM 1-TANKMEISTER® Mineralöl / Oil S&D WP 16 bar R<10 <sup>6</sup> OHM MADE IN EU////////", as well as continuous embossed tape "SEMPERIT [S] TM1 EN 1761:1999 EN 12115:2021 TRbF 131/2 NBR1 SD NW.. PN 16 bar Ω/T xQYY".
<b>Notice</b>	To ensure the assembly is leakproof, it must be tested according to EN 12115:2021.

# 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							
48120 1960	19.0	3/4	6.0	31.0	16	2	120	0.80	40
48120 2560	25.0	1	6.0	37.0	16	2	150	0.95	40
48120 3260	32.0	1 1/4	6.0	44.0	16	2	175	1.10	40
48120 3865	38.0	1 1/2	6.5	51.0	16	2	225	1.40	40
48120 5070	50.0		8.0	66.0	16	2	275	2.15	40
48120 6380	63.5	2 1/2	8.0	79.5	16	2	300	2.85	40
48120 7575	75.0		8.0	91.0	16	2	350	3.35	40
64120 8075	80.0		8.0	96.0	16	4	380	3.50	40
64120 0080	100.0		8.0	116.0	16	4	450	4.90	40

## Vacuum resistance up to -0.9 bar

**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](https://hoses.semperitgroup.com)) regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts with Semperitex are exclusively subject to our general terms and conditions (available at [semperitgroup.com](https://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](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. Products delivered by us to the USA are manufactured according to IRPMP-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.