

TMH-TANKMASTER®

Mineral oil - 20 bar



SPECIFICATIONS

Application	The high quality TMH product is developed for the usage as a reel mounted hose installed on road tankers and rail tank waggons.
Feature	This hose has been tested according to the technical regulations for combustible liquids [TRbF] 131/2:1992. Our TMH product can be used for E5 (EN 228:2017), E10, E85 and E100 with oxygen components limited according to EEC 85/536 as well for B7 (EN 590:2017) and B20 with a maximum aromatic content of 60%. For the usage with B100 (pure biodiesel / 100% FAME/RME) a sufficient suitability needs to be checked under real working conditions prior usage.
Temperature range	-40°C / +100°C.
Safety factor	3 : 1
Tube	NBR, black, resistant to oil, electrically conductive, smooth.
Reinforcement	Textile spiral, 2 crossed copper wires.
Cover	NBR/EPDM, black, resistant to ozone and weather, resistant to oil, electrically conductive, smooth.
Marking	continuous inkjet, green letters: "SEMPERIT [S] TMH TANKMASTER® Tankwagen/Tank Truck PN 20 bar ELSTAT MADE IN EU //////////////".
Notice	The usage of our product is only allowed for land and sea applications. ATTENTION: For last valid information regarding oil & fuel suitability please always refer to the Semperit oil & fuel suitability matrix or, in case of doubt, contact Semperit. ATTENTION: Not to be used as a petrol pump hose. ATTENTION: Not suitable for the usage as fuel line hose of vehicles and in engine compartments. 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
68045 3170	31.5		7.0	45.5	20	4	315	1.08	50
68045 3565	35.0		6.5	48.0	20	4	350	1.06	50
68045 3870	38.0	1 1/2	7.0	52.0	20	4	380	1.25	50
68045 4070	40.0		7.0	54.0	20	4	400	1.30	50
68045 4270	42.0	1 5/8	7.0	56.0	20	4	420	1.36	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 [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 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.