

TM50

Fuel/Oil - 16 bar - S&D



SPECIFICATIONS

Application

Suction and delivery hose for filling and discharging tanks, petrol tankers and ships with unleaded fuels [EN228:2017] 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.

Temperature range

-40°C / +90°C, oils +100°C.

Safety factor

3 : 1

Tube

NBR, black, electrically conductive, smooth.

Reinforcement

Textile wrapped, zinc plated double steel wire helix (DN > 50,0 zinc plated steel wire helix), 2 crossed copper wires.

Cover

SBR/EPDM, black, resistant to ozone and weather, abrasion resistant, resistant to oil [according SAE J517:2017], cloth impression.

Marking

continuous mylartape, yellow letters: "SEMPERIT (S) TM50 OIL S&D WP 16 BAR Made in Europe".

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		
64826 2653	25.4	1	5.0	35.4	16	2	55	0.75	61
64826 3263	32.0	1 1/4	6.0	44.0	16	2	65	1.15	61
64826 3863	38.0	1 1/2	6.0	50.0	16	2	80	1.30	61
64826 5163	50.8	2	6.5	63.8	16	2	140	1.80	61
64826 6363	63.5	2 1/2	6.5	76.5	16	2	180	2.20	61
64826 7673	76.2	3	7.0	90.2	16	4	350	2.75	61
64826 1083	101.6	4	8.5	118.6	16	4	450	4.40	61

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 (<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]. 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.