

# SemperMP-R

Multipurpose NBR - red



## SPECIFICATIONS


<b>Application</b>	<p>SemperMP-R is a versatile multipurpose hose suitable for various applications for which oil-resistance is mandatory. Also suitable for industrial air and water services, compressor lines and many other applications.</p> <p>Due to the usage of a high quality cover compound the hose construction shows a very good abrasion resistance as well as ageing behaviour.</p>
<b>Feature</b>	<p>Our SemperMP-R 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%.</p> <p>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.</p> <p>The used rubber compounds fulfill highest ARPM standards.</p> <p>The SemperMP-R -hose design is perfectly suitable for the usage on reels.</p> <p>Non-conductive hose construction with minimum electrical resistance greater than 1 Megaohm per inch of hose length at 1.000 Volts D.C.</p> <p>Kink resistant due to textile reinforcement.</p>
<b>Temperature range</b>	-30°F / +212°F.
<b>Safety factor</b>	4 : 1
<b>Tube</b>	NBR, black, ARPM class A, smooth.
<b>Reinforcement</b>	Textile spiral.
<b>Cover</b>	NVC, red, ARPM class B, resistant to ozone and weather, smooth.
<b>Marking</b>	continuous inkjet, white letters, e.g. size 1": SEMPERIT [S] SemperMP NON CONDUCTIVE OIL RESISTANT DN 300 PSI WP 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>

# 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	inch	psi		inch	lbs/ft	ft
69171 0630	6.4	1/4	3.0	0.49	300	2	1.50	0.08	500
69171 0835	7.9	5/16	3.5	0.59	300	2	1.90	0.11	500
69171 0935	9.5	3/8	3.5	0.65	300	2	2.25	0.13	500
69171 1240	12.7	1/2	4.0	0.81	300	2	3.00	0.18	500
69171 1640	15.9	5/8	4.0	0.94	300	2	3.75	0.22	500
69171 1945	19.1	3/4	4.5	1.11	300	2	4.50	0.30	500
69171 2555	25.4	1	5.5	1.43	300	2	6.00	0.47	450
69171 3260	31.8	1 1/4	6.0	1.72	250	4	7.50	0.67	400
69171 3860	38.1	1 1/2	6.0	1.97	250	4	9.00	0.78	300

**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 [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 [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, Version date: 01.07.2021 - V2 13.12.2022 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.

 **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)