

# LM3

Food/Steam - NBR - 6/18 bar - D - blue



## SPECIFICATIONS

<b>Application</b>	Suitable for cleaning in dairies, food production plants and slaughterhouses as a steam, hot water and cold water hose. Also for conveying liquid food stuffs, in particular milk and dairy products, animal and vegetable oils and fats.
<b>Standard/Approval</b>	BfR (former BgVV) XXI:2002 [Kat.2], FDA [CFR 21 § 177.2600].
<b>Temperature range</b>	-35°C / +164°C [saturated steam], +95°C [hot water].
<b>Safety factor</b>	Steam 10 : 1, Hot water 3,15 : 1
<b>Tube</b>	NBR, white, food quality, resistant to grease and oil, resistant to cleaning agents, smooth.
<b>Reinforcement</b>	Textile wrapped.
<b>Cover</b>	NVC, blue, resistant to grease and oil, cloth impression.
<b>Marking</b>	continuous mylartape, white letters: "SEMPERIT [S] LM3 Lebensmittel BfR XXI Kat.2 NBR LEBENSMITTEL/DAMPF FOOD/STEAM D food quality FDA PN 6 bar 164°C Dampf".
<b>Notice</b>	To meet the high demands associated with continuous steam operation we recommend DS1, DS2 or DS3 hoses. Very high resistance to many aggressive cleaning agents. For the application of cleaning agents, please refer to our separate information sheet.

## 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			Satur. steam [bar]	Hot water [bar]				
48244 1350	13.0	1/2	5.0	23.0	6	18	2	80	0.38	40
48244 1650	16.0	5/8	5.0	26.0	6	18	2	95	0.44	40
48244 1960	19.0	3/4	6.0	31.0	6	18	2	115	0.62	40
48244 2570	25.0	1	7.0	39.0	6	18	2	150	0.91	40
48244 3270	32.0		7.0	46.0	6	18	2	195	1.10	40
48244 3890	38.0		9.0	56.0	6	18	2	230	1.65	40
48244 4090	40.0		9.0	58.0	6	18	2	240	1.70	40
48244 5010	50.0		10.0	70.0	6	18	2	300	2.35	40
56244 6512	65.0		12.0	89.0	6	18	4	390	3.70	40
56244 7512	75.0		12.0	99.0	6	18	4	450	4.10	40

**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 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 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.