# LM3

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

## SPECIFICATIONS

| | |
|---|---|
| **Application** | LM3 is suitable for cleaning in dairies, as well for food production plants and slaughterhouses as a steam, hot water and cold water hose.<br>Also for conveying liquid food stuffs, in particular milk and dairy products, animal and vegetable oils and fats.<br>We don't use for the tube compound any PHTHALATES<br>PAHs comply with the requirements of Regulation (EC) No 1907/2006 (REACH), Annex XVII, Entry 50. |
| **Standard/Approval** | BfR XXI Kat. 2, FDA (CFR 21 § 177.2600), EG1935/2004.<br>REACH regulation and REACH consumer goods annex XVII |
| **Temperature range** | -35°C / +164°C (saturated steam), +95°C (hot water). |
| **Safety factor** | Steam 10 : 1, Hot water 3,15 : 1 |
| **Tube** | NBR, white, food quality, resistant to grease and oil, resistant to cleaning agents, smooth. |
| **Reinforcement** | Textile wrapped. |
| **Cover** | NVC, blue, resistant to grease and oil, cloth impression. |
| **Marking** | continuous mylartape, white letters: "SEMPERIT (S) LM3 NBR logo (FDA) logo(glass and fork) logo(BfR) Lebensmittel, Dampf / Food, steam D WP 6 bar 164°C Steam (QR Code 246) Made in EU//////". |
| **Notice** | To meet the high demands associated with continuous steam operation we recommend DS1 ultra, DS2 or DS3 hoses.<br>Very high resistance to many aggressive cleaning agents.<br>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 | mm | mm | Satur. steam [bar] | Hot water [bar] | | mm | kg/m | m |
| 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 |
| 64244 6512 | 65.0 | | 12.0 | 89.0 | 6 | 18 | 4 | 390 | 4.25 | 40 |
| 64244 7512 | 75.0 | | 12.0 | 99.0 | 6 | 18 | 4 | 450 | 4.80 | 40 |
| 64244 8012 | 80.0 | | 12.0 | 104.0 | 6 | 18 | 4 | 550 | 5.10 | 40 |
| 64244 0015 | 100.0 | | 15.0 | 130.0 | 6 | 18 | 6 | 650 | 7.70 | 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 concluded with us 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 ARPM-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.