

LM 1 S-EPDM

Food Quality Hose



Application:

- Ⓢ A flexible suction and discharge hose for use in breweries and the food and beverage industries.
- Ⓢ Suitable for use with alcohol (max. 40%), soft drinks, fatty foods (max. 36%) and non-fatty foods.

Feature:

- Ⓢ White EPDM food quality tube, with high temperature resistance.
- Ⓢ Tasteless, odourless, kink resistant, sturdy, though extremely light.

Standard/approval:

- Ⓢ BfR (former BgVV) XXI:2002 (Kat. 2), Weihenstephan, FDA (CFR 21 §177.2600).

Notice:

- Ⓢ Very high resistance to many aggressive cleaning agents.
- Ⓢ For the application of cleaning agents please see our separate information sheet.
- Ⓢ ATTENTION: Not suitable for dry conveyance.



Temperature range: -35°C / +95°C, steam cleaning up to max. 130°C / 30 min, unpressurised.

Safety factor: 3.15 : 1

Tube: EPDM, white, smooth, food quality.

Reinforcement: Textile wrapped, zinc plated steel wire helix.

Cover: SBR/NR/EPDM, red, abrasion resistant, ozone and weather resistant, cloth impression.

Marking: Continuous transfer tape, white: "SEMPERIT S LM 1 S-EPDM Brewer/Kellermeister SD PN 12 bar".

Vacuum resistance up to -0.9 bar

Article number	Internal-Ø in		Wall width in mm	External-Ø in mm	Work. pressure (max.) bar	Number of inserts	Bending radius (min.) in mm	Weight approx. kg/m	Coil length (max.) m
	mm	inches							
56257 2560	25,0	1	6,0	37,0	12	2	110	1,10	40
56257 3260	32,0	1 1/4	6,0	44,0	12	2	150	1,35	40
56257 3865	38,0		6,5	51,0	12	2	180	1,55	40
56257 4070	40,0		7,0	54,0	12	2	190	1,70	40
56257 5070	50,0		7,0	64,0	12	2	250	2,17	40
56257 6570	65,0		7,0	79,0	12	2	350	2,7	40
56257 7590	75,0	3	9,0	93,0	12	4	450	4,25	40
56257 8010	80,0		10,0	100,0	12	4	480	4,80	40
56257 0010	100,0		10,0	120,0	12	4	600	6,30	40

Please note: General information about our range of products can be found in the appendix to this catalogue. Before using with new or untested media, or before using in applications that are not covered in the product information, written advice must first be obtained from a specialist dealer or a Semperit application engineer. All products must be inspected regularly for operational safety. For safety reasons, hoses must be replaced in the event of damage, especially if the cover is damaged. All products must be stored and maintained according to our storage, care and maintenance instructions, and according to DIN 7716:1982. We are constantly developing and improving our products for our customers. For the latest product information, please visit our website www.semperflex.com regularly or contact one of our specialist dealers or Semperit application engineers. Contracts are agreed according to our general terms and conditions. Subject to change without notice.

Important notice: This catalogue has been prepared with the greatest care in order to provide you with all the information you need. The information contained herein incorporates the latest state-of-the-art technology, and is the result of trials and tests carried out over many years, or conforms to the resistance requirements of the media listed as set out in ISO TR 7620:2005 (E). The individual conditions of use affect the use of each product. They therefore only ensure the safety that can be expected assuming that the specifications in our written product information, the specifications regarding resistance to chemicals and our cleaning procedures are all complied with. We cannot guarantee this level of safety in the event of improper handling, e.g. squashing, rupturing, stretching or filling with media that are not permitted. Unless specified otherwise, all hoses are manufactured to EN ISO 1307:2006.

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Reinforcement: Textile wrapped.

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Marking: Continuous transfer tape, white: "SEMPERIT S LM1-EPDM Brewer/Kellermeister D PN 12 bar".

Vacuum resistance; up to 50mm ID -0.5 bar; 65mm ID/75mm ID -0.4 bar, 80mm ID -0.3 bar, 100mm ID -0.2bar

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48256 1350	13,0	1/2	5,0	23,0	12	2	50	0,40	40
48256 1950	19,0	3/4	5,0	29,0	12	2	100	0,55	40
48256 2560	25,0	1	6,0	37,0	12	2	150	0,85	40
48256 3280	32,0	1 1/4	8,0	48,0	12	4	170	1,45	40
48256 3890	38,0	1 1/2	9,0	56,0	12	4	200	1,85	40
48256 4010	40,0		10,0	60,0	12	4	250	2,25	40
48256 5011	50,0		11,0	72,0	12	4	350	2,95	40
48256 6011	60,0		11,0	82,0	12	4	420	3,55	40
48256 6512	65,0		12,0	89,0	12	4	450	4,05	40
56256 7515	75,0		15,0	105,0	12	6	600	6,10	40
56256 8015	80,0		15,0	110,0	12	6	650	6,40	40
56256 0015	100,0		15,0	130,0	12	6	750	7,75	40

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