

# SLANGER

TYPE: LM1 - EPDM



## Kellermmeister LM1 - EPDM

### Applikationer:

En fleksibel suges- og afløbsslange til brug i bryggerier, samt i fødevare- og drikkevareindustrierne.

Velegnet til brug med alkohol (max. 40%) og læskedrikke, samt med fedt (max. 36%) og ikke fedtholdige fødevarer.

### Funktioner:

Hvid EPDM rør, fødevaregodkendt, høj temperatur modstand. Smagløs, lugtfri, modstandsdygtig over for knæk, er robust, og vægt er meget lav.

### Norm / Registration:

BgVV XXI: 2002 (Kat. 2), KTW, FDA (CFR 21 §177.2600).

### Yderligere Information:

Meget god resistens overfor mange aggressive rengøringsmidler.

**VIGTIGT: Ikke egnet til tør transport!**



**Temperaturområde:** -35°C / +95°C.

Damp rengøring op til max. 130°C / 30min under tryk.

**Sikkerhedsfaktor:** 3,15 : 1

Rør: EPDM, hvid, glat, fødevaregodkendt.

**Forstærkning:** Tekstil, indpakket.

**Yderkappe:** SBR / NR / EPDM, rød, slidstærk, ozon og vejrbestandig.

**Identifikation:** Påtrykt hvid label: "Semperit S LM1-EPDM Brewer/Kellermeister D PN 12bar".

| Ordre Nr.  | Væg Tyk.<br>mm. | Indre Ø<br>mm. | Ydre Ø<br>mm. | Arb. Tryk<br>bar | Bøjning<br>radius mm. | Vægt<br>kg / mtr. |
|------------|-----------------|----------------|---------------|------------------|-----------------------|-------------------|
| 48256 1350 | 25              | 13             | 23            | 12               | 50                    | 0,4               |
| 48256 1950 | 32              | 19             | 29            | 12               | 100                   | 0,55              |
| 48256 2560 | 38              | 25             | 37            | 12               | 150                   | 0,85              |
| 48256 3280 | 51              | 32             | 48            | 12               | 170                   | 1,45              |
| 48256 3890 | 63              | 38             | 56            | 12               | 200                   | 1,85              |
| 48256 4010 | 76              | 40             | 60            | 12               | 250                   | 2,25              |
| 48256 5011 | 102             | 50             | 72            | 12               | 350                   | 2,95              |
| 48256 6011 |                 | 60             | 82            | 12               | 420                   | 3,55              |
| 48256 6512 |                 | 65             | 89            | 12               | 450                   | 4,05              |
| 56256 7515 |                 | 75             | 105           | 12               | 600                   | 6,10              |
| 56256 8015 |                 | 80             | 110           | 12               | 650                   | 6,4               |
| 56256 0015 |                 | 100            | 130           | 12               | 750                   | 7,75              |



| Suitability group | Suitability         |   |
|-------------------|---------------------|---|
| A                 | Suitable            | For full and empty hose systems                           |
| B                 | Limited suitability | i.e. only for empty hose systems or short term operation. |
| C                 | Not suitable        | Materials will be weakened or destroyed.                  |
| -                 | Contact Semperit    |   |

\*) Percentage by mass (formerly percentage by weight), TR = technically pure

\*\*\*) See documentation chemical hoses made of elastomere or thermoplast according to manufacturer's norm part 1 of chemical industry, page 1. [www.semperit.at](http://www.semperit.at)



## CHEMICAL HOSES RESISTANCE CHART

| Chemical product          | CAS-Nr | Conc.* | Suitability groups, inner layer of the hose |        |        |       |       |        |        |     |  |
|---------------------------|--------|--------|---|--------|--------|-------|-------|--------|--------|-----|--|
|                           |        |        | Material of the tube **)                    |        |        |       |       |        |        |     |  |
| Designation of the medium | CAS-Nr | Conc.* | NBR2  | EPDM   | CIIR   | CSM   | PEX   | UPE    | UPE    | FEP |  |
|                           |        |        | Color of the hose branding                  |        |        |       |       |        |        |     |  |
|                           |        |        | blue  | ililac | ililac | green | blue  | blue   | ililac | red |  |
|                           |        |        |   |        |        | white | white | white  | white  |     |  |
|                           |        |        | Semperit designation of the hose            |        |        |       |       |        |        |     |  |
|                           |        |        | NBR2  | EPDM   | CIIR   | CSM   | XLPE  | UPEL-P | UPE-P  | FEP |  |
|                           |        |        | M   | E      | B      | C     | X     | U      | U      | P   |  |

|   |             |       |   |   |   |   |   |   |   |   |
|---|-------------|-------|---|---|---|---|---|---|---|---|
| Acetaldehyde                                  | 75-07-0     |       | C | A | A | C | A | A | A | A |
| Acetamide                                     | 60-35-5     |       | C | A | A | A | A | A | A | A |
| Acetic acid                                   | 64-19-7     | 10 %  | C | A | A | A | A | A | A | A |
| Acetic acid                                   | 64-19-7     | 60 %  | - | A | A | A | A | A | A | A |
| Acetic acid                                   | 64-19-7     | 100 % | C | A | A | A | C | A | A | A |
| Acetic acid butyl ester see Butyl acetate     |             |       |   |   |   |   |   |   |   |   |
| Acetic acid methyl ester see Methyl acetate   |             |       |   |   |   |   |   |   |   |   |
| Acetic acid propyl ester                      | 109-60-4    |       | C | A | A | C | C | A | A | A |
| Acetic acid vinyl ester see Vinyl acetate     |             |       |   |   |   |   |   |   |   |   |
| Acetic acid-2-methoxy ethyl ester             | 110-49-6    |       | C | A | A | B | C | A | A | A |
| Acetic anhydride                              | 108-24-7    |       | C | A | A | A | C | A | A | A |
| Acetic ethyl ester see Ethyl acetate          |             |       |   |   |   |   |   |   |   |   |
| Acetoacetic acid ethyl ester                  | 141-97-9    |       | C | B | B | C | C | A | A | A |
| Acetoacetic acid methyl ester                 | 105-45-3    |       | C | B | B | C | C | A | A | A |
| Acetone                                       | 67-64-1     |       | C | A | A | B | C | A | A | A |
| Acetonitrile                                  | 75-05-8     |       | - | B | B | B | C | A | A | A |
| Acetophenone                                  | 98-86-2     |       | C | A | A | - | C | A | A | A |
| Acetyl acetone                                | 123-54-6    |       | C | A | A | C | C | A | A | A |
| Acetyl chloride                               | 75-36-5     |       | C | - | - | - | C | A | A | A |
| Acetylene tetrachloride see Tetrachlorethane  |             |       |   |   |   |   |   |   |   |   |
| Acroleine                                     | 107-02-8    |       | - | A | A | C | C | A | A | A |
| Acrylic acid                                  | 79-10-7     |       | C | A | A | A | C | - | - | - |
| Acrylic acid ethyl ester see Ethyl acrylate   |             |       |   |   |   |   |   |   |   |   |
| Acrylic acid methyl ester                     | 96-33-3     |       | - | - | - | C | C | A | A | A |
| Acrylonitrile                                 | 107-13-1    |       | B | A | A | C | C | A | A | A |
| Adipic acid                                   | 124-04-9    |       | A | A | A | A | A | A | A | A |
| Adipic diethyl ester                          | 141-28-6    |       | - | A | A | C | C | A | A | A |
| Alkyl benzene                                 | -           |       | - | C | C | C | A | A | A | A |
| Allyl alcohol                                 | 107-18-6    |       | A | A | A | A | A | A | A | A |
| Alpha methyl styrene see Methyl styrene-alpha |             |       |   |   |   |   |   |   |   |   |
| Alum, aqueous                                 | -           |       | B | A | A | A | A | A | A | A |
| Aluminium acetate, aqueous                    | 139-12-8    |       | A | A | A | A | A | A | A | A |
| Aluminium bromide, aqueous                    | 7727-15-3   |       | - | A | A | A | A | A | A | A |
| Aluminium chlorate, aqueous                   | 15 477-33-5 |       | - | A | A | A | A | A | A | A |
| Aluminium chloride, aqueous                   | 7784-13-6   |       | B | A | A | A | A | A | A | A |
| Aluminium nitrate, aqueous                    | 13 473-90-0 |       | - | A | A | A | A | A | A | A |
| Aluminium oxide, aqueous                      | 1344-28-1   |       | A | A | A | A | A | A | A | A |
| Aluminium phosphate, aqueous                  | 7784-30-7   |       | - | A | A | A | A | A | A | A |
| Aluminium sulfate, aqueous                    | 10 043-01-3 |       | - | A | A | A | A | A | A | A |
| Aluminium sulfide                             | 1302-81-4   |       | - | A | A | A | A | A | A | A |
| Amines, aromatic                              | -           |       | C | C | C | C | C | A | A | A |
| Aminopropanol-2                               | 78-96-6     |       | B | A | A | C | C | A | A | A |
| Ammonium chloride, aqueous                    | 12 125-02-9 |       | - | A | A | A | A | A | A | A |
| Ammonia water see Ammonium hydroxide          |             |       |   |   |   |   |   |   |   |   |
| Ammonia, gaseous                              | 7664-41-7   |       | B | A | A | B | C | A | A | A |
| Ammonia, liquid                               | 7664-41-7   |       | - | - | - | - | - | - | - | - |
| Ammonium acetate, aqueous                     | 631-61-8    |       | - | A | A | A | A | A | A | A |
| Ammonium bromide, aqueous                     | 12 124-97-9 |       | - | A | A | A | A | A | A | A |
| Ammonium diphosphate, aqueous                 | 13 765-35-0 |       | - | A | A | A | A | A | A | A |
| Ammonium hydroxide, solution of               | 1336-21-6   |       | - | A | A | A | A | A | A | A |
| Ammonium nitrate, aqueous                     | 6484-52-2   |       | - | A | A | A | A | A | A | A |
| Ammonium persulfate, aqueous                  | 7727-54-0   |       | - | A | A | A | A | A | A | A |



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