



## Enjoy the purity in taste of our new food hoses

- ☑ **NEW: LM4S/SF1500 + LME Milkyline + LMHA 140 + LM1S EPDM** (Details on page 2)
- ☑ Accurate, clean and consistent quality using automated manufacturing processes
- ☑ Fulfillment of higher cleanliness requirements
- ☑ Compliance with REACH Annex XVII and EC1935/2004 regulations
- ☑ BfR (XXI:2022) and / or FDA (CFR 21 §177.2600) certified
- ☑ No phthalates in hose compound

Fruit juice, milk, cooking oil, beer, wine, sugar, flour, or cereals: food hoses have **special requirements** and **regulations** regarding **hygiene, purity, or resistance to cleaning agents**. The fact that a hose that comes into contact with food is also "food-safe" is a matter of principle. Any contamination must be ruled out and absolute cleanliness is necessary. The requirements for cleanliness and hygiene of food hoses are steadily becoming ever higher and the regulations ever stricter. The hoses must also be subjected to cleaning with chemical agents, steam shocks and high pressure.

Thoroughly considering these requirements, Semperit **revised the original food hose product range** and **implemented important and innovative changes** to **improve the quality** substantially further. The developments result in our introduction of a **portfolio enhancement** and **upgrade** with highly flexible suction / discharge hoses and delivery hoses with or without steel helix and new versions of EPDM, NBR and NR solutions.

### The enhanced portfolio & key characteristics

The focus of our expanded product range was on improving **tube quality**, which is a core requirement for food hose applications. Our additional hoses are now manufactured in Europe's biggest hose plant in Odry, CZ, on state-of-the-art technology production lines.

**Certified Semperit food hoses make an important contribution to meeting any purity criteria.** Semperit has prepared itself for the different challenges, meets the strict requirements of the **REACH** and **EG 1935/2004** regulation and has the **FDA** and **BfR** approvals. Also for this reason Semperit is the partner of choice for customers from the food sector and with our food hoses you transport your medium safely and hygienically.

NEW


**LM4S/  
SF1500**

Flexible suction and discharge hose for filling and discharging fatty goods. Suitable for use with animal and vegetable oils and fats. Suitable for use in the food and for conveying milk and dairy products.

**Tube:** NBR, white, food quality, resistant to grease and oil, smooth

**Reinforcement:** Textile wrapped, zinc plated steel wire helix



**LME  
Milkyline**

Highly flexible spiral suction and delivery hose for filling and discharging milk tankers, but also for use in the food and drinks industry for conveying alcoholic or non-alcoholic beverages

**Tube:** NR, white, food quality, smooth

**Reinforcement:** Textile wrapped, zinc plated steel wire helix


**LMHA140**

Flexible suction and discharge food grade hose with wire helix that can also be used on trucks. Suitable for hot air up to max. 140°C

**Tube:** EPDM, white, food quality, smooth

**Reinforcement:** Textile wrapped, zinc plated steel wire helix (available on request)


**LM1S  
EPDM**

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.

**Tube:** EPDM, white, food quality, smooth

**Reinforcement:** Textile wrapped, zinc plated steel wire helix (available on request)


**LM1  
EPDM /  
LM3**

**Now in sizes bigger 50mm inner diameter!**

LM1 EPDM – Flexible discharge hose for use in breweries and the food and beverage.

LM3 – Suitable for cleaning in dairies, food production plants and slaughterhouses as a steam, hot water and cold water hose.

(available on request)

The Semperit product portfolio is significantly complemented, improved and upgraded by the new food hoses. In addition, we continue to offer the already established hoses **LM1 EPDM** (brewery, food and beverage industry), **LM3** (cleaning; steam, hot water and cold water hose), **LMD**, **LMD-NBR** (cleaning; milk).



**Falk Heitling** (Head of Product Management, Semperflex Industrial)

“Enjoy the purity of taste of our new generation of food hoses! The relaunch of our essential food hoses is an important step for our growing portfolio in this product area”.



## The Standards & Regulations

The Semperit food hoses meet the strict market requirements of the **REACH\*** regulation, **REACH consumer goods annex XVII** and **EG 1935/2004**. All tube compounds of our food hoses are **BfR\*\*** (XXI:2022) and / or **FDA\*\*\*** (CFR 21 §177.2600) certified. In addition, we **do not use any phthalates** in our hose compound and comply with the requirements of EU 1907/2006 (REACH), Annex XVII No. 50 for **PAHs**.

\* Registration, Evaluation, and Authorization of Chemicals

\*\* Bundesinstitut für Risikobewertung (German Federal Institute for Risk assessment), Germany

\*\*\* Food and Drugs Administration, USA



## Related information

The Semperit [Cleaning recommendation for food hoses](#) provides a quick overview of all the important facts about cleaning before initial use, steam sterilization, max. temperatures and max. concentration of cleaning agents.

For more detailed information and to place your orders, get in touch with our [customer service team](#). All product details are described in the [respective datasheets](#) which can be downloaded on our [website](#).



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