

**Rubber food hoses**



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**FOOD STAR SD**

**Greasy food and milk hose** Internal layer

**Reinforcement:** White NBR/PVC rubber  
**layer:** synthetic cord, steel spiral  
**Outer layer:** blue synthetic rubber  
**Operating temp:** -15°C to +90°C

Suction and delivery hose designed for the transfer of food substances requiring odourless and tasteless rubber. Free from phthalates and bisphenol A. NBR/PVC inner layer resistant to standard food industry cleaning agents and processes. Suitable for milk and milk products as well as fatty food substances. Widely used in the food industry under standard conditions of use.

**Cleaning:**

| hot water  | steam          | hydrogen peroxide |                   | peracetic acid    |                   | phosphoric acid   | chlorine          | sodium hydroxide  |                   | nitric acid       |                   |
|------------|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|            |                | 1%                | 3%                | 0,1%              | 0,5%              | 5%                | 1%                | 2%                | 5%                | 0,1%              | 3%                |
| 80°C / 8 h | 110°C / 15 min | max 50°C / 10 min | max 30°C / 10 min | max 30°C / 10 min | max 30°C / 10 min | max 50°C / 10 min | max 70°C / 10 min | max 70°C / 10 min | max 30°C / 10 min | max 50°C / 10 min | max 30°C / 10 min |

**Standards and requirements:**

Food industry, food contact: 1935/2004/EC and 2023/2006/EC (GMP). D.M. 21/03/73, FDA 21 CFR 177.2600, BfR XXI cat. 2.



| index              | internal diameter [mm] | external diameter [mm] | wall thickness [mm] | working pressure [bar] | Bursting pressure [bar] | vacuum [bar] | bend radius [mm] | mass [kg/m] | Roll length [m] |
|--------------------|------------------------|------------------------|---------------------|------------------------|-------------------------|--------------|------------------|-------------|-----------------|
| SO-FOODSTAR-SD-025 | 25                     | 35                     | 5                   | 10                     | 30                      | 0,9          | 125              | 0,74        | 60              |
| SO-FOODSTAR-SD-032 | 32                     | 42                     | 5                   | 10                     | 30                      | 0,9          | 160              | 0,91        | 60              |
| SO-FOODSTAR-SD-038 | 38                     | 49                     | 5,5                 | 10                     | 30                      | 0,9          | 190              | 1,11        | 60              |
| SO-FOODSTAR-SD-040 | 40                     | 51                     | 5,5                 | 10                     | 30                      | 0,9          | 200              | 1,15        | 60              |
| SO-FOODSTAR-SD-045 | 45                     | 56                     | 5,5                 | 10                     | 30                      | 0,9          | 225              | 1,28        | 60              |
| SO-FOODSTAR-SD-051 | 51                     | 62                     | 5,5                 | 10                     | 30                      | 0,9          | 255              | 1,44        | 60              |
| SO-FOODSTAR-SD-063 | 63,5                   | 76                     | 6,25                | 10                     | 30                      | 0,9          | 381              | 2,21        | 60              |
| SO-FOODSTAR-SD-076 | 76                     | 89                     | 6,5                 | 10                     | 30                      | 0,9          | 456              | 2,76        | 60              |
| SO-FOODSTAR-SD-080 | 80                     | 93                     | 6,5                 | 10                     | 30                      | 0,9          | 480              | 2,89        | 60              |
| SO-FOODSTAR-SD-090 | 90                     | 103                    | 6,5                 | 10                     | 30                      | 0,9          | 540              | 3,22        | 60              |
| SO-FOODSTAR-SD-102 | 102                    | 116,5                  | 7,25                | 10                     | 30                      | 0,9          | 612              | 4,25        | 60              |

Note: indexes highlighted in colour - most commonly used



FOODSTAR hose with DIN or SMS hygienic ends, crimped with stainless steel collets, provides a secure, safe and economical solution for standard flexible connections in food processing installations.