

FOOD/PHARMA

MILKCORD/SP/BUTYL

Butyl dairy/food hose, alcohol up to 96%, steam-cleanable SIP to 130 C



MILKCORD/SP/BUTYL is a highly flexible dairy and food suction/pressure hose with mirror-smooth butyl lining and modified elastomer outer. The hose is qualified per BfR XXI:2002 Cat. 2, EU 1935/2004, FDA 21 CFR 177.2600 and GMP EU 2023/2006 - a wide food-approval portfolio. Distinctively, the hose is qualified for alcohol up to 96% (wine, brandy, high-proof liqueurs) and is steam-cleanable to 130 C for up to 30 minutes under pressureless operation. Typically used in dairy farms, beverage production, microbe-resistant pharma applications and high-proof alcohol handling.

Media: Liquid

Temp: -30 °C to 120 °C

✓ Cut to length

APPLICATIONS

- Milk and cream distribution at dairy farms
- Wine and brandy handling at high-proof alcohol
- Microbe-resistant liquid distribution in pharma and food
- Oil-based dairy products (butter, oils, cream liqueurs)
- CIP and SIP cleaning in hygiene-sensitive processes
- Beverage production where BfR Cat 2 is the minimum requirement

Technical specifications

Material	Butyl inner (odourless/tasteless/BPA-/phthalate-/PAH-free), modified elastomer outer
Colour	white inner, blue outer
Wall construction	Mirror-smooth butyl inner, shallow-corrugated wrapped outer, 2 steel spirals + textile plies
Spiral material	2 staal-spiraler + tekstil-plies
Conveying media	Liquid
Temperature range	-30 °C – 120 °C
Short-term peak	130 °C
Cut to length	Yes
Manufacturer SKU	3457

Standards and compliance

bfr-xxi, EU 1935/2004, GMP EU 2023/2006, fda, REACH, RoHS

Dimensions and ordering

The hose is supplied in 6 standard sizes from inner Ø 32.0 mm to 102.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Wall th. [mm]	Press. DIN [bar]	Burst [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
32	44	6	10	30	0.9	70	40	0.95	40	3457032000
38	50	6	10	30	0.9	80	40	1.1	40	3457038000
51	64	6.5	10	30	0.9	100	40	1.45	40	3457050000
63	77	7	10	30	0.9	130	40	1.9	40	3457063000
76	91	7.5	10	30	0.9	160	40	2.45	40	3457075000
102	118	8	10	30	0.9	310	20	3.7	20	3457100000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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