



Rubber food hoses



FOODFLEX[®]

Flexible and supple milk transfer hose Inner layer

Reinforcement: White natural rubber (NR)
synthetic cord, steel spiral
Outer layer Blue, EPDM rubber
Operating temp: -25°C to +80°C

Extremely flexible and supple suction and delivery hose designed for the transfer of food substances requiring odourless and tasteless rubber. Free from phthalates and bisphenol A. Suitable for milk and milk products, as well as wine, beer, fruit juices. Not recommended for oils and oily food substances. Commonly used in milk tankers as a hose for loading milk batches (hoses longer than 2 m should be used). Due to its high flexibility, it can be used for reel reels. The outer layer of the hose is abrasion and weather resistant.

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 / 15 min	max 70°C / 15 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	inside diameter [mm]	Outside diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	underpressure [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
IV-FOODFLEX-025	25	36	5,5	6	18	0,7	50	0,79	60
IV-FOODFLEX-032	32	43	5,5	6	18	0,7	64	1,01	60
IV-FOODFLEX-038	38	49,5	5,75	6	18	0,6	76	1,27	60
IV-FOODFLEX-040	40	51,5	5,75	6	18	0,6	80	1,33	60
IV-FOODFLEX-045	45	56,5	5,75	6	18	0,6	90	1,47	60
IV-FOODFLEX-051	51	62,5	5,75	6	18	0,6	102	1,64	60
IV-FOODFLEX-063	63,5	76,5	6,5	6	18	0,5	127	2,28	60
IV-FOODFLEX-076	76	89,5	6,75	6	18	0,5	152	2,79	60
IV-FOODFLEX-080	80	93	6,5	6	18	0,5	160	2,84	60

Note: indexes highlighted in colour - most commonly used



FLEXIBLE HOSE FOR MILK TANKERS:

Due to its exceptional flexibility, FOODFLEX hose is ideally suited to long milk transfer lines.

