

A-FLUX FATS

This suction and delivery hose is designed for both fatty and non-fatty food products. It is tested in accordance with the primary regulations for food contact materials (FCM – Reg. (CE) 1935/2004) and manufactured following GMP standards (Reg. (CE) 2023/2006).

Hose Construction

Made from white NBR (Nitrile rubber), phthalate-free, and tested in accordance with Regulation 1907/2006/CE (REACH). Complies with FDA 21 CFR 177.2600 and features a smooth, blue cloth finish. The material is resistant to abrasion, aging, ozone, and oil.

Applications

This suction and delivery hose is ideal for a wide range of applications in the food industry, suitable for both fatty and non-fatty food products. It is commonly used in the transportation of oils, fats, creams, and other fatty substances, as well as juices, sauces, and syrups in non-fatty forms. The hose is frequently utilized in dairy processing, beverage production, food manufacturing plants, and the handling of bulk food ingredients. Its versatility makes it suitable for food-grade liquid transfer in diverse environments, ensuring hygienic and efficient operations across various food processing applications.

Internal Diameter		Outer diameter		Vacuum		Working Pressure		Burst Pressure		Weight		Bending Radius	
Mm	Inch	Mm	Inch	Bar	Psi	Bar	Psi	Bar	Psi	kg	lbs	Mm	Inch
19	¾	31	1.22	0.9	13	10	150	30	450	0.66	0.44	60	2.36
25	1	37	1.46	0.9	13	10	150	30	450	0.81	0.54	85	3.35
32	1 ¼	44	1.73	0.9	13	10	150	30	450	1	0.67	115	4.53
38	1 ½	51	2	0.9	13	10	150	30	450	1.28	0.86	150	5.91
51	2	64	2.52	0.9	13	10	150	30	450	1.66	1.11	210	8.27
63	2 ½	78	3.09	0.9	13	10	150	30	450	2.52	1.69	265	10.43
76	3	91	3.58	0.9	13	10	150	30	450	2.97	1.99	320	12.60
102	4	118	4.65	0.9	13	10	150	30	450	4.16	2.79	430	16.93
152	6	174	6.85	0.9	13	10	150	30	450	10.3	6.93	750	29.53



Temperature

Range: -25°C / +100°C (-13°F / +212°F)

Reinforcement

Synthetic plies, galvanized wire helices

Regulations

- ✚ GMP - Reg. (CE) 2023/2006
- ✚ 1907/2006(CE) (REACH)
- ✚ US FDA Standard 21 CFR 177.2600
- ✚ 3A Sanitary Standard 18-03 Class III
- ✚ BfR XXI Cat 2
- ✚ DM 21.03.1973 and subsequent amendments
- ✚ Reg. (CE) 1935/2004
- ✚ Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006
- ✚ Arette 2020