AFRFLUX
RELIABILITY. DURABILTY. EFFECIENCY.

A-FLUXFLON

Suction and delivery hose designed for handling a wide range of chemicals and solvents. It is particularly suited for use in the chemical, cosmetic, pharmaceutical, and food industries where high-performance elastomers and superior mechanical and chemical properties are essential. This hose ensures safety, flexibility, and reliability in demanding industrial applications.

Temprature

Range: -40°C / +150°C (-40°F / +302°F)

Depending on the product flowing

Reinforcement

Synthetic fabrics, cables for dissipating electrostatic charges, stainless steel spirals embedded within the hose wall.

Regulations

- GMP - Reg. (CE) 2023/2006
- 1907/2006(CE) (REACH)
- 3A Sanitary Standard 18-03 Class III (hose)
- US FDA Standard 21 CFR 177.2600
- BfR XXI Cat 2
- DM 21.03.1973 and subsequent amendments
- Reg. (CE) 1935/2004
- Reg. (CE) 10/2011 CE
- ISO 10993-5:2009, 11:2006

Hose Construction

TEFLON™ PTFE, coextruded clear/white pigmented, smooth, phthalate-free, tested in compliance with 1907/2006/CE (REACH). TEFLON™ PTFE is a polymer with high resistance to high temperatures, mechanical stress, and oxidation, and it complies with FDA regulations 21 CFR 177.1550. features a smooth, green, with a cloth-impression surface and resistant to abrasion, aging, and ozone.

Applications

This TEFLON™ PTFE hose is ideal for a wide range of applications across industries where high performance and resistance are essential. In the chemical and pharmaceutical industries, it is suitable for the transfer of aggressive chemicals, solvents, and high-purity fluids. In the food and beverage sector, it ensures safe handling of liquids and ingredients requiring FDA compliance.

Internal Dimeter		Outter diameter		Vacuum		Working Pressure		Burst Pressure		Weight		Bending Radius	
Mm	Inch	Mm	Inch	Bar	Psi	Bar	Psi	Bar	Psi	kg	lbs	Mm	Inch
13	½	25	1	40	130	0.9	13	10	150	0.51	0.34	75	2.95
19	¾	31	1.22	40	130	0.9	13	10	150	0.66	0.44	110	4.33
25	1	37	1.46	40	130	0.9	13	10	150	0.81	0.54	150	5.91
32	1 ¼	44	1.73	40	130	0.9	13	10	150	1.11	0.74	200	7.87
38	1 ½	51	2	40	130	0.9	13	10	150	1.35	0.90	240	9.45
51	2	66	2.60	40	130	0.9	13	10	150	2.06	1.38	320	12.60