



Foodstuffs
Pharmaceuticals
Cosmetics

A-FOOD FDA SUPER SP

Properties

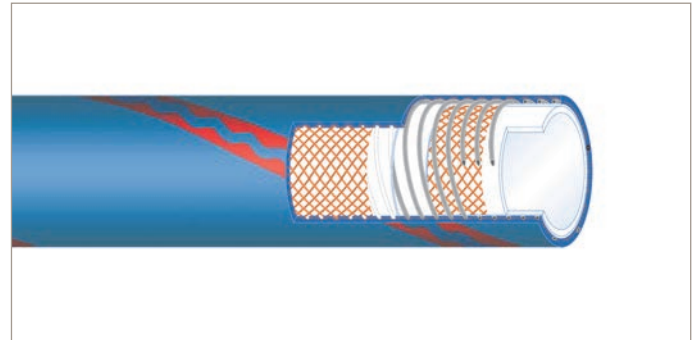
- multi-purpose hose with steel wire helix designed for the food, pharmaceutical and cosmetic industry
- white internal lining is homogeneous, smooth, neutral to taste and odour
- especially designed for the transport of fatty and oily products
- resistant to commonly used cleaning and disinfecting products
- the incorporated steel wire helix makes it extremely flexible, lightweight and particularly resistant to suction
- can be steam cleaned up to +110 °C (+130 °C max. 20 min.)

Applications

- multi-purpose, high-class hose for the food, pharmaceutical and cosmetic industry

Construction

- inner tube: NBR white, non-porous and smooth
- reinforcement: synthetic fibres and steel wire helix
- cover: NBR resistant to ozone, weather, UV, abrasion and fatty and oily products



Code - F8G05....

Base Material - NBR

Operating Temperature - -20 ÷ +80 °C

Pressure - 16 bar

Vacuum - n.d.

Diameter Range - 19 ÷ 100 mm

Key feature - Spiral hose, Food suitable, FDA

Norms-Approvals:

- FDA regulation 21 CFR 177.2600.
- Germany: BfR recommendation XXI cat. 2
- European Regulation EC 1935/2004 (Art.17)
- European Regulation EC 2023/2006

inner Ø	wall thickness	working pressure	bursting pressure	vacuum	bending radius	weight	coil length
mm	mm	bar	bar	mtH2O	mm	kg/m	m
19	5	16	48	8,16	60	0,600	40
25	6	16	48	8,16	80	0,880	40
32	6	16	48	8,16	100	1,100	40
38	7	16	48	8,16	115	1,430	40
40	7	16	48	8,16	130	1,640	40
50	8	16	48	8,16	150	2,170	40
53	7	16	48	8,16	160	2,000	40
60	7	16	48	8,16	170	2,350	40
63	7	16	48	8,16	180	2,470	40
65	8	16	48	8,16	190	2,870	40
75	8	16	48	8,16	225	3,310	40
80	8	16	48	8,16	300	3,510	40
100	9	16	48	8,16	350	4,650	40

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Cleaning recommendations

COMMENT ON THE REFERENCE VALUES

- The resistance and anti-swelling properties of the inner lining depend heavily on the chemical properties, temperature, flow velocity and contact time of the medium transported.
- In the case of extreme applications or cleaning and disinfection conditions, the individual aspects of the application must be known in order to recommend the most suitable hose.

CLEANING RECOMMENDATIONS PRIOR TO INITIAL USE

- The inner lining of the A-FOOD FDA SUPER SP is tasteless and physiologically harmless.
- If hoses fresh from the factory or untreated hoses that have been stored for a long time should ever give off odours, we recommend the following: Steam the inner lining three times at 130°C (for a maximum of 20 minutes each time), allow to cool to room temperature between each steaming session.
- Alternatively, treat with an aqueous cleaning solution (40°C) consisting of 4g of caustic soda and 5.8g of table salt per 1 litre of water for at least 24 hours.
- In both cases, the hose must be rinsed with drinking water afterwards.

SPECIFICATIONS

Room Temperature (RT) = +20°C to +25°C

Time = max of 20 minutes

D = Disinfectants

R = Detergents

product		maximum concentration	maximum temperature
type	description	%	°C
D	Water	---	90
D	Steam	---	110
D	Steam	---	peaks 130
R	Sodium hydroxide solution	2,0	85
R	Potassium hydroxide solution	2,0	85
D	AM 50	0,1	RT
R	ATR acid BN	1,5	60
R	Purexol liquid	1,0	70
R	Alcamix L	1,5	60
D	Octozon	0,1	RT
D	Octozon G	0,1	RT
D	Octozon acid ATR	0,5	80
R	RS 6	1,0	60
R	RA 2	1,5	60
R	Adisan blue	1,0	70
D	Perosin	0,3	RT
D	VB 31 Booster	0,3	RT
R	VA 19 Bruspray Acid	1,5	60
R	VA 05 Pascal	1,0	60
R + D	P3 – liquid OS	1,5	60
R + D	P3 – ansep CIP	1,0	50
R	P3 – mip CIP	1,0	80
R	P3 – horolith BSR	1,0	40
R	Niroklar acid liquid	1,0	60
R + D	Niroklar 2000	1,0	70
D	Neoseptal D	0,3	RT
D	Neoseptal FD	0,5	RT
R + D	Kombicid AT	1,0	70

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