



Foodstuffs  
Pharmaceuticals  
Cosmetics

## A-FOOD FDA SUPER

### Properties

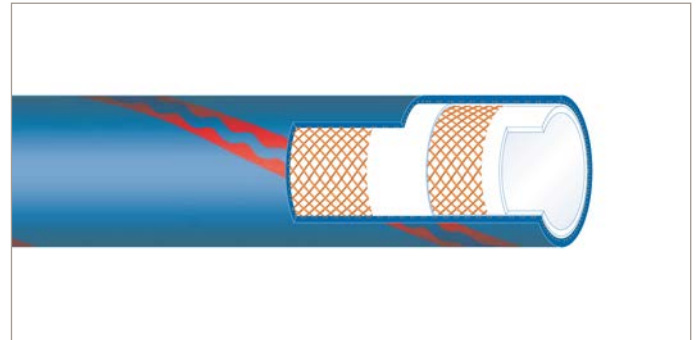
- multi-purpose hose designed for the food, pharmaceutical, and cosmetics industry
- white internal lining, resistant to fatty and oily products, is homogeneous, smooth and neutral to taste and odour
- resistant to commonly used cleaning and disinfecting products
- specially developed for arduous working environments, it's robustness ensures dimensional stability and resists running over by vehicles.
- can be steam cleaned up to +110 °C (+130 °C max. 20 min.)

### Applications

- multi-purpose, high-class hose for the food, pharmaceutical and cosmetics industries

### Construction

- inner liner: NBR white, non-porous and smooth
- reinforcement: synthetic fibres
- outer cover: NBR resistant to ozone, weather, UV ,abrasion and fatty and oily products



**Code - F8G04....**

**Base Material - NBR**

**Operating Temperature - -20 ÷ +80 °C**

**Pressure - 16 bar**

**Vacuum - n.d.**

**Diameter Range - 13 ÷ 100 mm**

**Key feature - Reinforced, 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	bending radius	weight	coil length
mm	mm	bar	bar	mm	kg/m	m
13	4	16	48	80	0,280	40
16	4	16	48	100	0,320	40
19	5	16	48	115	0,500	40
25	6	16	48	150	0,800	40
32	8	16	48	195	1,400	40
38	9	16	48	230	1,700	40
40	9	16	48	240	1,900	40
50	10	16	48	300	2,700	40
60	10	16	48	420	3,000	40
65	12	16	48	455	3,800	40
75	12	16	48	525	4,100	40
80	14	16	48	560	5,100	40
100	15	16	48	700	6,700	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 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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