



Foodstuffs
Pharmaceuticals
Cosmetics

A-FOOD SIL FDA NET R

Properties

- reinforced silicone hose for suction and delivery of fluids at low and high temperature
- inner layer made in transparent silicone rubber, food suitable and non-toxic, with textile inserts Kevlar
- outer layer made in red-transparent silicone rubber
- complying with:
 - Regulation (EC) no. 1935/2004 and no. 2023/2006
 - Resulation ResAP (2004)5
 - Recommendation XV, BfR
 - FDA 21 CFR § 177.2600
 - USP Class VI
- bursting pressure up to 60 bar depending on the diameter
- neutral to taste and odour
- can be sterilized with autoclave



Applications

- medical and measurement technology
- food production, biochemical and pharmaceutical technology
- odontology
- autoclave gas hose
- refrigeration systems
- air and space technology
- temperature and pressure resistant flexible couplings
- vacuum and filling system hose
- strong, thermally insulated gas flue lines

Construction

- transparent silicone tube with kevlar textile reinforcement

Code - F8G17....

Base Material - SILICONE

Operating Temperature - -40 ÷ +180 °C

Bursting Pressure - 6 ÷ 60 bar

Vacuum - 1,53 ÷ 6,12 mtH2O

Diameter Range - 3 ÷ 50 mm

Key Feature - Non-toxic, FDA, Reinforced

| inner Ø | outer Ø | wall thickness | bursting pressure | vacuum | bending radius |
|---------|---------|----------------|-------------------|--------|----------------|
| mm | mm | mm | bar | mtH2O | mm |
| 3,0 | 8,0 | 2,50 | 60 | 1,53 | 30 |
| 4,2 | 8,2 | 2,00 | | 1,53 | |
| 6,0 | 12,0 | 3,00 | 40 | 1,53 | 50 |
| 6,0 | 12,4 | 3,20 | | 1,53 | 50 |
| 8,0 | 15,0 | 3,50 | 40 | 1,53 | 60 |
| 9,5 | 17,0 | 3,75 | | 1,53 | 70 |
| 10,0 | 17,0 | 3,50 | 35 | 1,53 | |
| 12,5 | 21,0 | 4,25 | 30 | 1,53 | 80 |
| 16,0 | 25,0 | 4,50 | 30 | 2,04 | 100 |
| 19,0 | 31,0 | 6,00 | 25 | 2,04 | 150 |
| 25,0 | 37,0 | 6,00 | 15 | 2,55 | 185 |
| 32,0 | 45,0 | 6,50 | 10 | 3,06 | 220 |
| 38,0 | 51,0 | 6,50 | 10 | 4,08 | 260 |
| 50,0 | 64,0 | 7,00 | 6 | 6,12 | 360 |

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications - lug_20 rbd