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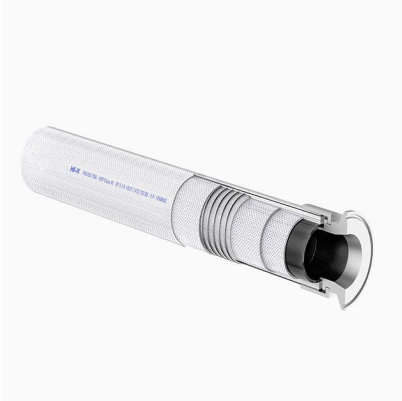
VENAFLON HF TUBE

HOSES › Chemical hoses



Mastertubi.it/q?1035

Chemical-resistant silicone hose with PFA inner layer
compatible with highly aggressive chemicals.

Applications
It is particularly suitable for the transport of liquids or semi-liquids
chemically aggressive by impulse or suction in industry
food, cosmetics, chemicals and pharmaceuticals.
It has a wide field of application thanks to its construction,
which provides a balance between strength and lightness.

Property
- Odorless, tasteless and completely non-toxic.
- High flexibility.
- White and smooth appearance of the inner PFA layer,
translucent and smooth appearance of the outer silicone layer.
- Can be fitted with 316L stainless steel fittings on each
ends with a roughness value lower than 0.8 µm (or 0.5 µm on request).
- On request it can be equipped with Clamp fittings with internal PFA covering.
- Operating temperature range -30°C (-22F) to +150°C (302F).
- The hose is produced with a maximum length of 20 m (65.62 ft).
- The vacuum resistance is 0.9 bar (13.05 psi).

Construction This reference is manufactured with a white inner layer of PFA
(perfluoroalkoxy), the reinforcements are made of polyester and the spiral is made of stainless steel
(AISI 304) coated with silicone.

environment version ATEX **with conductive PFA inner layer,**
black color certified for food and pharmaceutical use (see below).

Characteristics
- Outer layer in VMQ Silicone, smooth and translucent.
- Reinforcement Stainless steel wire spring and polyester fabric reinforcement.
- Inner layer PFA fluoropolymer, smooth and white.
- Temperature -30ºC +150ºC
- Production length 20m. Can be cut to size upon request.
- Vacuum pressure 0.9 bar (13.05 psi).

Regulations
The inner layer of PFA complies with :
- U.S. FDA Standard 21 CFR 177.1550
- USP Class VI in vivo test - USP Class VI in vitro test
- ISO 10993-5, 10 and 11 - Reg 1935/2004 / EEC and Reg 10/2011 / EEC

The outer silicone layer complies with :
- US FDA Standard 21 CFR 177.2600
- USP Class VI in vivo testing
- USP Class VI in vitro test
- ISO 10993-5, 10 and 11
- European Pharmacopoeia 3.1.9

DIAMETER INTERNAL mm	WALL THICKNESS ISO 1307 +/- 0.80 mm	OPERATING PRESSURE ISO 1402 Bar at 20°C	RADIUS OF CURVATURE mm
10	6	10	40
13	6	10	45
16	6	10	55
19	6	10	65
25	6	10	85
32	6	10	120
38	6.5	10	140
51	8	10	180
63.5	8	5	320
76	8	5	380
100	9	3	500