

SPIRALPOLICHIM/SD/16 EPDM/PTFE HOSE

HOSES › Hoses for food products

Hose designed according to EN 12115 for the suction and delivery of food, cosmetic, pharmaceutical, chemical and solvent products, with the exception of chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (e.g. sodium). Particularly suitable for the chemical, cosmetic, pharmaceutical and food industries where it is necessary to use flexible hoses made with high-performance elastomers with excellent mechanical and chemical characteristics.

Pipe tested in accordance with the main regulations for materials in contact with food (MOCA regulation and EC Reg. 1935/2004).

Produced in compliance with GMP (Reg. (EC) 2023/2006).

Not suitable for use as grafting material or implantation in living organisms.

Not suitable for blood or other human fluids.



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DESCRIPTION:

Co-extruded clear/pigmented white TEFLON[®] (PTFE) substrate, smooth, phthalate-free, tested according to 1907/2006/EC (REACH).

PTFE is a polymer with high resistance to high temperatures, mechanical stress and oxidation.

The pipe complies with the following regulations:

- FDA 21 CFR 177.1550; Ministerial Decree 03/21/1973 and subsequent amendments;
- USP class VI main requirements;
- ISO 10993 - 5:2009, 11:2006;
- REGULATION 1935/2004/CE;
- REGULATION 10/2011/CE;
- REGULATION 1245/2020/CE;
- 3-A RPSCQC for (62-02) Hose Assemblies.

Resistant to abrasion, aging and ozone.

Smooth white EPDM cover resistant to abrasion, aging and ozone.

Canvas impression surface.

TECHNICAL CHARACTERISTICS

- Operating temperature: -40°C +150°C (-40°F / +302°F)
- The operating temperature is strictly related to the specific fluid conveyed and the duration of exposure.
- Electrical properties: type M according to EN 12115 (R)
- Standards: EN12115
- Maximum operating pressure: 16 bar
- Burst pressure: 64 bar
- Vacuum resistance: 0.90 bar

Internal diameter	Eternal diameter	Roll length	Theoretical weight	Radius of curvature
mm	mm	m	Kg/m	mm
13	25	40	0.54	90
19	31	40	0.70	130
25	37	40	0.86	170
32	44	40	1.18	215
38	51	40	1.43	255
50	66	40	2.08	330
63.5	79.5	20	2.96	430
75	91	20	3.43	510
100	116	20	4.60	675