

## SPIRAL PIPEPOLICHIM/MFA/16

HOSES › Hoses for food products

Hose compliant with EC Reg. 1935/2004 and 2023/2006/EC (GMP).

The production cycle does not use animal derivatives, phthalates, adipates and materials subject to restrictions according to EC Regulation 1907/2006 (REACH).

### SAFETY FACTOR

= 4 times the operating pressure up to DN 75 mm

= 3 times the operating pressure above DN 75 mm

### TEMPERATURE

As per EN 12115:2011. Steam resistance up to +130°C for a maximum of 30 minutes.

### UNDERLAYER

The fluorinated material substrate ensures excellent waterproofing, maximum resistance to oxidation, exceptional thermal resistance and mechanical stress, preventing the formation of cracks.

- MFA (Perfluoralkoxy Polymer, MFA), fully fluorinated, light colored, patented, mirror-like, smooth.
- No contamination in odor and taste.
- Compliance: USP Class VI, FDA Regulations, Ministerial Decree 21/03/73 and subsequent amendments, EU Regulation No. 10/2011.

### REINFORCEMENTS

- High-strength synthetic textiles.
- Built-in steel spiral.
- Two copper wires inserted upon request.

### COVERAGE

- EPDM rubber (code 104N), black, smooth, resistant to abrasion, ozone and atmospheric agents, with a cloth finish.
- Antistatic according to EN 12115:2011. Electrical resistance  $R < 10^6$
- On request, available in a version without inserted copper wires;
- identification symbol: O.

### DIMENSIONAL TOLERANCES

Internal diameter: **EN 12115** □ External diameter: **EN 12115** □ Length: **ISO 1307**

**Maximum length of rolls 20 metres**



[Mastertubi.it/q?445](http://Mastertubi.it/q?445)



diameter internal mm	diameter external mm	thickness Of wall mm	Pressure Of exercise bar	Pressure explosion bar	Radius curvature minimum mm	empty bar	Weight theoretical Kg/m	roll m
13	25	6.0	16	64	90	-0.9	0.55	20
19	32	6.0	16	64	125	-0.9	0.75	20
25	38	6.5	16	64	150	-0.9	0.95	20
32	44	6.5	16	64	175	-0.9	1.15	20
38	51	6.5	16	64	225	-0.9	1.50	20
51	66	7.5	16	64	275	-0.9	2.20	20
63.5	79.5	8.0	16	64	300	-0.9	3.00	20
76	93	8.5	16	48	350	-0.9	3.70	20
100	118	9.0	16	48	500	-0.9	5.00	20