

VENABIO WELD thermoplastic TEBO

HOSES › Pipes for the pharmaceutical industry › SILICONE hoses for the pharmaceutical industry

This product meets the need for a heat sealable and weldable biopharmaceutical tubing. Provides disconnection and reconnection functionality through a cuttable gasket and aseptic welding.

It is important to remember that a thermoplastic material is therefore sensitive to heat, so dry heat, SIP and autoclave sterilization cycles will significantly reduce its lifespan, therefore it should only be used when the application is for single use.

Structure in thermoplastic elastomer

Temperature: -45°C +135°C

Production length available in 25 foot and 50 foot (7.62 - 15.24 m) packages

Shore A hardness 56

Tensile strength N/mm² >3.7

Elongation % >565

Density g/cm³ 0.90

Elastic modulus N/mm² >1.0

Sterilization available via Gamma rays

Double vacuum bagged (see page 5)

free from animal-derived components

Produced in a clean room according to ISO14644-1 Class 7

Traceable with reference, batch number and ID/OD

Heat sealable and weldable with other biopharmaceutical tubing



Mastertubi.it/q?1377

Diameter internal mm (inches)	Diameter external mm (inches)	Thickness wall mm (inches)	Pressure of exercise Cafe	Pressure of explosion Cafe
1.6 (1/16")	4.8 (3/16")	1.60 (1/16")	2.6	7.8
3.2 (1/8")	6.4 (1/4")	1.60 (1/16")	1.7	5.1
4.8 (3/16")	7.9 (5/16")	1.60 (1/16")	1.5	4.5
6.4 (1/4")	9.5 (3/8")	1.60 (1/16")	1.1	3.3
6.4 (1/4")	11.1 (7/16")	2.34 (3/32")	1.5	4.5
7.9 (5/16")	11.1 (7/16")	1.60 (1/16")	2.1	6.3
7.9 (5/16")	12.7 (1/2")	2.34 (3/32")	1.4	4.2
9.5 (3/8")	14.3 (9/16")	2.34 (3/32")	1.2	3.6
9.5 (3/8")	15.9 (5/8")	3.20 (1/8")	1.4	4.2
12.7 (1/2")	19.1 (3/4")	3.20 (1/8")	1.1	3.3

BIOCOMPATIBILITY

-ADCF P

- BPA BSE
- TSE EU 10
- 2011 FDA
- 21CFR178.2010
- USP 87
- USP 88
- USP 661
- ISO 10993-4
- ISO 10993-5