

## VENABIO FLOW pumpgrade

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

### Platinum cured silicone hose

For applications where small flow variations and long pump life are of the utmost importance and a hose of minimum hardness is recommended.

#### DESCRIPTIONS

Silicone hose is the basic material for every single process use. Its excellent general performance and resistance to temperature, humidity, ozone and steam and high biocompatibility make it the preferred product in all phases of bioprocessing, from drug formulation, upstream processing to all critical phases both downstream of separation and at final filling.

#### Platinum cured silicone tube .

Postcured to completely eliminate volatile substances

#### Shore A hardness 50

Tensile strength N/mm<sup>2</sup> >7

Elongation % >350

Tear resistance kN/m >20

Density g/cm<sup>3</sup> 1.13

Operating temperature: -60°+220°C



[Mastertubi.it/q?1371](http://Mastertubi.it/q?1371)

LASER ENGRAVING: Traceable with reference, batch number and ID/OD

RADIO-STABILIZED: Gamma beam(s) available

PACKAGING: Double vacuum bagged

ANIMAL FREE: free of animal-derived components

CLEAN ROOM STERILIZATION: Manufactured in ISO14644-1 Class 7

SMOOTHNESS: Reduces protein binding and biofilm formation

**ROLL LENGTH: Available in 50 feet and 100 feet (15m - 30m approx)**

**AVAILABLE INTERNAL DIAMETERS: from 0.80 mm (1/32") to 25.40 (1")**

#### reference standards

ADCF

P/BPA

BSE/TSE

EU 10/2011

EU 1935/2004

BfR XV

3A 18-0

PE 3.1.9.

FDA 21CFR177.2600

USP 85

USP87

USP88

USP381

USP788

ISO 10993-4

ISO 10993-5

ISO 10993-6

ISO 10993-10

ISO 10993-11

Removable and releasable

#### **POSSIBLE STERILIZATIONS**

Dry heat

Autoclave

CIP

SIP

Ethylene oxide

Hydrogen peroxide  
and Beam (25 kGy)

Gamma (25kGy)