

PHARMACEUTICAL GRADE FOOD GRADE PLATINUM SILICONE HOSE

HOSES › Pipes for the pharmaceutical industry

Flexible PLATINUM silicone hoses produced by extrusion with a polyester thread woven inside the hose.

Applications:

suitable for the transport of high purity liquids in the food, cosmetic, chemical and pharmaceutical industries. It offers an extremely broad field of application. The design strikes a balance between strength and lightness, making it easy to handle. They can be used in high pressure places due to its resistance. Thanks to its translucent appearance, the product inside the tube is visible during the process phase.

Can be used in single delivery or light suction.



Mastertubi.it/q?909

Characteristics:

- Odorless, tasteless and completely non-toxic.
- Can be equipped with stainless steel fittings
- The standard manufacturing length is 25 metres, other lengths on request
- Temperature: -60°C (-75°F) to +180°C (356°F)

Structure:

Translucent and smooth interior and exterior. Extrusion construction with polyester yarn inside the tube.

The silicone used for food and pharmaceutical products is transparent. This silicone has been tested according to several international standards to validate it.

Sterilization with steam up to +135° or alternatively with Cobalt or Argon radiation.

REFERENCE STANDARDS:



dimensional tolerances diameter and length ISO1307 - WALL THICKNESS DIN7715 T4 S2

| internal diameter mm | outer diameter mm | radius of curvature mm | operating pressure Cafe | burst pressure Cafe | theoretical weight gr/m |
|-------------------------|----------------------|---------------------------|----------------------------|------------------------|----------------------------|
| 3.18 | 9.81 | 30 | 15 | 45 | 70 |
| 4.72 | 11.35 | 35 | 15 | 45 | 106 |
| 6.35 | 1.03pm | 40 | 15 | 45 | 124 |
| 7.93 | 14.61 | 45 | 12 | 36 | 147 |
| 9.52 | 4.32pm | 50 | 12 | 36 | 175 |
| 12.70 | 8.10pm | 65 | 10 | 30 | 237 |

| | | | | | |
|---------|-------|-----|---|----|-----|
| 15.87 | 24.37 | 75 | 8 | 24 | 330 |
| 19.05 | 27.91 | 80 | 8 | 24 | 415 |
| 10.22pm | 31.12 | 100 | 5 | 15 | 455 |
| 25.40 | 34.50 | 120 | 5 | 15 | 513 |
| 31.75 | 40.80 | 150 | 4 | 12 | 617 |