

PRODUCT DATA SHEET

Product Description **Medical Grade Silicone Tubing
in varying diameters – MT Type, Peroxide Cured**

Supply Form **25 m Rolls**

Raw Material Properties

| Property | Nominal Value | Units | Test Method |
|-------------------|---------------|-------------------|--------------|
| Hardness | 60 ± 5 | Shore A | DIN 53505 |
| Density | 1,14 – 1,18 | g/cm ³ | ISO 1183-1 |
| Max. Elongation | > 300 | % | DIN 53504-S1 |
| Temperature Range | -45 to +180 | °C | |

Other Material Properties

| | |
|------------------------------------|---------------------------------|
| Brand Name | <i>Siloplus</i> [®] MT |
| Polymer | HCE Peroxide Cured Silicone |
| Non Toxic | Yes |
| Virgin (non recycled) raw material | Yes |
| Latex Free | Yes |
| PVC Free | Yes |
| Phtalate Free | Yes |
| γ – radiation stability | Yes |
| β - radiation stability | Yes |

Main Product Features

| | |
|-----------------------|---|
| Properties | Excellent heat stability, transparent, odourless, tasteless, non-toxic, sterilizable (plasma, steam, EtO a.o.), non meltable, highly elastic, non deformable, top mechanical properties |
| Uses | Liquid transportation, Drainage, & Connection of all types equipment & devices with recommendation for silicone in reference to USP VI and ISO 10993-1. |
| Dimensions | From I.D. X O.D = 0,75 X 1,5 mm to I.D. X O.D = 12,5 X 19,0 mm . Other dimensions after request |
| Standards | EN ISO 9001: 2015, EN ISO 13485: 201, USP VI, ISO 10993-1 |
| Classification | I (MDD 93/42/EEC) |
| Sterile | Product delivered non sterilized |
| Sterilization Methods | Gamma & beta rays, plasma, steam a.o. |

Other Product Features

| | |
|-----------------------|-----------------------|
| Shape | Circular |
| Dimensions Tolerances | Acc. To ISO 3302-1.E1 |
| Appearance | Transparent |
| Color | None |
| Surface | Mat, smooth |
| Printings | None |
| Use | Single |

Important informations

| | |
|-----------------------|---|
| Packaging | 25 m rolls (or other length after request) in PE transparent bags firmly sealed |
| Shelf Life | Min. 5 years |
| Storage Conditions | No direct sunlight. No moisture. |
| Handling Precautions | Use No hook. Use No sharp articles. Open each packaging with care. |
| Littering Precautions | See national regulations concerning environmental issues |

Pentasil Med-Tech Engineering UG (haftungsbeschränkt)

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Siloplus® MT and Silicone Tubing MT *Type* are products of PentaSil Med-Tech Engineering UG

All products designed in Germany, made in Europe.

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These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied is made. Buyer assumes all risks of use, storage, handling and disposal of the product in compliance with applicable national and local laws and regulations. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.