

USP VI JHS® Tubing

SILICONE TUBING MADE FOR PERISTALTIC PUMPS

Product description

USP VI JHS® Tubings are silicone extrusion product manufactured for peristaltic pumps in pharmaceutical application as well as pH control, media feed in fermentation and liquid transfer in general. The platinum-cure silicone gives the tubing a smooth bore, making it an ideal choice for long term fluid contact. The biocompatibility of this type of tubings, makes this range a suitable option for high-end biotechnological & pharmaceutical applications where there are requirements for strict compliances and traceability.

Properties

The product is made from general purpose silicone and can be made in different colours as required.

Safety Notes

We recommend running preliminary tests to ensure the product material and cross-section profile suit the application and meet the desired performance criteria.

Product Data

Characteristics	Description
Material Composition	≈ %100 Silicone (Less than %1 of the material is pigment)
Colour	As Per Required
Density	1.10(±0.1) <i>gr/cm</i> ³
Temperature Range	-60°C to +230°C
Stability	UV and Ozone Resistant
Hardness	40 Duro
Tensile Strengths	9.0 MPa
Tear Strengths	31N/mm
Elongation at Break	600%
Shelf life	20 Years

Product Data

Characteristics	Description
Material Composition	≈ %100 Silicone (Less than %1 of the material is pigment)
Colour	As Per Required
Density	1.15 (±0.1) <i>gr/cm³</i>
Temperature Range	-60°C to +230°C
Stability	UV and Ozone Resistant
Hardness	60 Duro
Tensile Strengths	10MPa
Tear Strengths	38N/mm
Elongation at Break	500%
Shelf life	20 Years

Product Data

Characteristics	Description
Material Composition	≈ %100 Silicone (Less than %1 of the material is pigment)
Colour	As Per Required
Density	1.18 (±0.1) <i>gr/cm³</i>
Temperature Range	-60°C to +230°C
Stability	UV and Ozone Resistant
Hardness	70 Duro
Tensile Strengths	9.5MPa
Tear Strengths	34N/mm
Elongation at Break	410%
Shelf life	20 Years