

# Technical Datasheet

## Silicone tube

### 20 - Series

<b>Item no:</b>	20XXXXXXXXX		
<b>Description:</b>	Silicone Tube		
<b>Colour:</b>	Translucent		
<b>Hardness:</b>	60 Shore A		
<b>Post cure:</b>	Min. 4 hours at 200 °C (min.)		
<b>Dimensions:</b>	Various dimensions		
<b>Length:</b>	25 m coil		
<b>Marking:</b>	Label		
<b>Packing:</b>	PE bag, cardboard box		
<b>Tolerances:</b>	ISO 3302-2		
<b>Inspection:</b>	ISO 2859-1		
<b>Silicone Type:</b>	VMQ		
<b>Sterilization:</b>	Supplied unsterilized		
<b>Possibilities:</b>	Steaming (20 min. at 121 °C), Radiation (2Mrad/h)		
<b>Storage stability:</b>	At least 5 years (room temperature)		
	<b>Value:</b>	<b>Standard:</b>	<b>Standard:</b>
<b>Hardness:</b>	60 Shore A (± 5)	<b>DIN 53505</b>	<b>BS 903 A-26</b>
<b>Tensile strength:</b>	>10 N/mm <sup>2</sup>	<b>DIN 53504-S 1</b>	<b>BS 903 A-2</b>
<b>Elongation at break:</b>	>500%	<b>DIN 53504-S 1</b>	<b>BS 903 A2</b>
<b>Tear resistance:</b>	>22 N/mm <sup>2</sup>	<b>ASTM D 624-D</b>	<b>BS 903 A-3</b>
<b>Impact resilience:</b>	46%	<b>DIN 53512</b>	<b>BS 903 A-8</b>
<b>Compression set:</b>	30%	<b>DIN 53517</b>	<b>BS 903 A-6</b>
<b>Dielectric Strength:</b>	27 kV (2 mm plate)		
<b>Dielectric constant:</b>	3,3 (25 °C and 50 Hz)	<b>DIN 53482</b>	<b>VDE 0303</b>
<b>Ignition temperature:</b>	450 °C		
<b>Flame Point:</b>	750 °C		
<b>Oxygen index (LOI):</b>	23%	<b>ASTM D 2863</b>	
<b>Temperature resistance:</b>	-60 to +200 °C (No steam, dry air)		
<b>Correspond to:</b>	<b>BfR-XV</b> <b>FDA 21 CFR §177.2600</b> <b>USP.XXIII.CL.I-IV</b> <b>EUR.PHARM</b> <b>ISO 10993</b> <b>Regulation EC 1935/2004</b> <b>Regulation EC 2023/2006</b>		