

Silicone Tubing

Medical Silicone Rubber Tubing

Description

Medical silicone rubber tubes are made of refined silicone rubber. They have the advantages of non-toxic, physiologically inert, UV resistance, ozone resistance, high and low temperature resistance, high transparency, strong resilience, and resistance to compression permanent deformation. They are especially suitable for various GMP pharmaceutical factories, peristaltic pumps, body circulation machines, portable infusion sets, internal and external drainage catheters, interventional therapeutic catheters, etc., and can be widely used in research and production of bioengineering, biochemistry, environmental protection, pharmaceuticals, food, fine chemicals and other fields.

Different pipe diameter sizes and OEM production can be customized according to customer requirements.

Typical Physical Properties

High transparency, the infusion situation of the tube can be observed during use	Tear strength (KN/m) ≥ 30
Strong resilience	Breaking strength (Mpa) ≥ 7.0
Resistant to compression permanent deformation	Hardness (Shore A) 30-70
Resistant to high and low temperatures (-50-250°C)	Elongation (%) ≥ 300
Non-toxic	
Resistant to UV rays and ozone	
Physiological inertia	

Applications

Peristaltic pump; Extracorporeal circulation machine; Drainage tubes for GMP pharmaceutical factory, bioengineering, environmental protection, food industry; Portable infusion set; Therapeutic catheter; Extracorporeal drainage catheter.

Contact Information

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