



Applications of Silicone Rubber Tubing

01

Medical & Healthcare:

- Tubing for medical devices, such as catheters, dialysis machines, and IV lines
- Syringe plungers and other medical components
- Surgical and dental equipment

02

Food & Beverage:

- Tubing for fluid transfer in food processing equipment
- Gaskets and seals for food and beverage packaging
- Tubing for beer, wine, and spirit production

03

Automotive & Aerospace:

- Fuel and coolant lines
- Turbocharger and engine hoses
- Gaskets and seals for various automotive and aerospace applications

04

Industrial & Manufacturing:

- Tubing for chemical and solvent transfer
- Hoses for air, water, and steam lines
- Vibration and shock-absorbing components

05

Electrical & Electronics:

- Insulation for wires and cables
- Protective tubing for electrical components
- Gaskets and seals for electronic enclosures

Find out more at:

www.omitrubber.com/product/fda-grade-silicone-rubber-tubing

Silicone rubber tubing is a versatile and durable material with a wide range of applications across various industries. Its unique properties, such as excellent chemical resistance, temperature stability, and flexibility, make it an ideal choice for numerous applications.

Here are some of the key applications of **silicone rubber tubing**:

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6. Construction and Building:

- Glazing and window seals
- Expansion joints and sealants
- Weatherstripping for doors and windows

7. Household and Consumer Goods:

- Tubing for water filters and purifiers
- Gaskets and seals for household appliances
- Tubing for personal care and cosmetic products

The versatility of silicone rubber tubing is due to its unique properties, which include:

- Excellent chemical and heat resistance
- Wide temperature range (-60°C to +200°C)
- High flexibility and durability
- FDA and USP Class VI compliance for medical and food-grade applications
- Resistance to ozone, UV, and weathering

By leveraging these properties, manufacturers and engineers can design innovative solutions that meet the demands of various industries and applications. As a result, **silicone rubber tubing** continues to be a popular choice for a wide range of products and industries.

To read more information about Silicone Rubber Tubing, visit <https://sco.lt/5824nY> and call now at **+86 18928496321** or email us at actostrading@gmail.com