**Silicone tubing produced from platinum-catalyzed silicone elastomer for transfer applications in pharmaceutical and biotechnological manufacturing**

**Custom-molded assemblies for critical fluid transfer applications**

**Biopharmaceutical and Pharmaceutical Tubing**
- Ultra-pure fluid transfer
- Filling machines
- Steam or gas transfer
- Cleanroom
- Veterinary
- Extended peristaltic pump delivery
- High/low pressure applications
- Kink-resistant

**Molded Tubing Assemblies**
- Biopharmaceutical and pharmaceutical fluid transfer
- Kink-resistant

**Medical Grade Tubing**
- Infusion therapy
- Drug delivery
- Nutritional therapy – feeding tubes
- Medical catheters
- Urology catheters
- Respiratory catheters
- Shunts
- Cardiac pacing leads
- Cardio-pulmonary bypass
- Drug delivery
- High/low pressure applications
- Kink-resistant

**Typical Properties**
- Burst Pressure (for 0.375 in. ID x 0.625 in. OD)
- Barium Sulfate Content
- Tensile Strength at Break
- Modulus at 200% Elongation
- Elongation

**Regulatory Status (tubing)**
- USP (661) Physicochemical Tests - Plastics
- USP (381) Elastomeric Closures for Injection
- FDA Regulation 21 CFR 177.2600 (Food Grade)

**Biocompatibility Tests (base elastomer)**
- Cytotoxicity
- Mutagenicity/Genotoxicity
- Hemolysis
- Skin Sensitization
- Pyrogenicity (USP)
- 90-day Implant (exceeds USP Class VI)
- USP Class V and VI

**Typical Applications**
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**Specifications Writers:** These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office prior to writing specifications on these products.

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