

Description:

Peroxide-cured Sekobrill Silicone Tubing Formulation is designed for use in applications where flexibility, resiliency and durability are required. Produced from a combination of silicone elastomers, Sekobrill Silicone Tubing optimizes critical physical properties such as tensile strength, elongation and compression set, resulting in a more physically durable product. Its smooth inner surface reduces the risk of particulate entrapment and microscopic buildup during fluid transfer.

Sekobrill Silicone Tubing complies fully with the requirements of the USP Class VI Criteria and is entirely non-toxic, non-hemolytic and non-pyrogenic. It also meets 3-A Sanitary Standards, FDA 21 CFR Part 177.2600 Criteria and NSF 51 Standard.

Main Features and Benefits:

- Provides Resiliency, Long Life and Durability
- Ultra-Smooth Inner Bore Reduces risk of Particulate Entrapment
- Taste and Odor Free
- Withstands Temperature Extremes From -60°C to 177°C
- **Meets USP Class VI and FDA Criteria**

Typical Applications:

- Veterinary Pharmaceuticals
- Respiratory and Anesthesia Equipment
- Food and Dairy Processing
- Beverage Dispensing
- Sterile Filling and Processing



AVAILABLE SIZES			TYPICAL PHYSICAL PROPERTIES	
ID (mm)	OD (mm)	MAX WORKING PRESSURE (bar)		
2,4	5,6	2	Hardness Shore A, 15 sec	62
3,0	7,4	1,5	Color	Translucent
3,0	8,0	3	Tensile Strenght, psi (Mpa)	1500 (10,3)
4,0	8,6	2,5	Ultimate elongation, %	450
6,0	9,0	0,5	Tear Resistance, in (kN/m)	148 (26)
6,25	10,55	0,5	Specific Gravity	1,17
6,35	12,7	1	Water Absorption, % 24h 23°C	0,06
			Compression Set Constant Deflection, % @ 70°C in 22 hours	10
			Brittle Temperature, °C	-80
			Maximum Recommendend Operating T, °C	177
			Dielectric Strenght, v/mil (kV/mm)	480 (19)
			Tensile Modulus @100% Elongation, psi (Mpa)	425 (2,9)