

TECHNICAL DATASHEET:

50 Durometer FDA Grade Solid Silicone

PRODUCT DESCRIPTION

This FDA Grade silicone sheeting is designed for food contact applications. It is easily die cut and provides a superior gasket and sealing solution.

TYPICAL APPLICATIONS

- Excellent for seals and gaskets
- Designed for food contact applications
- FDA Grade

PRODUCT FEATURES & BENEFITS

- Extreme high & low temperature resistance
- UV/ozone resistant
- Excellent electrical insulator
- Fabricated with high-quality raw materials
- Meets FDA CFR 21 177.2600

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/32", 1/16", 3/32", 1/8", 3/16", 1/4", 1/2"	
MATERIAL/SUBSTRATE	Solid Silicone	
COLOR	White (other colors by special request)	
SPECIFIC GRAVITY	1.33 g/cc	ASTM D297
DUROMETER/HARDNESS (SHORE A)	50 ±5	ASTM D2240
TENSILE STRENGTH	950 psi	ASTM D412
ELONGATION	600%	ASTM D412
TEAR STRENGTH	105 pli	ASTM D624, DIE B
LOW-TEMPERATURE RESISTANCE	-80°F	
HIGH TEMPERATURE RESISTANCE	450°F	
HIGH INTERMITTENT TEMPERATURE	500°F	
OZONE RESISTANCE	Excellent	
UV RESISTANCE	Excellent	
FDA 21 CFR 177.2600	Pass	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**