

## TECHNICAL DATASHEET: 50 Durometer Translucent FDA Grade Solid Silicone

**PRODUCT DESCRIPTION**

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

**TYPICAL APPLICATIONS**

- Excellent for seals and gaskets
- High food contact and dairy applications
- FDA Grade

**PRODUCT FEATURES & BENEFITS**

- Extreme high & low temperature resistance
- Easily die-cut
- UV/ozone resistant
- Excellent electrical insulator
- High Translucency
- Odorless, Tasteless and non-yellowing
- 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	Translucent	
SPECIFIC GRAVITY	1.13 g/cc	ASTM D297
DUROMETER/HARDNESS (SHORE A)	50 ±5	ASTM D2240
TENSILE STRENGTH	1200 psi	ASTN D412
ELONGATION	900%	ASTM D412
TEAR STRENGTH	175 psi	ASTM D624
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. H-O will provide samples for this purpose at no charge. **REV. 0**