

TECHNICAL DATASHEET: 80 Durometer Commercial Grade Solid Silicone

PRODUCT DESCRIPTION

Commercial grade solid silicone designed for extreme temperature applications.

TYPICAL APPLICATIONS

- Great for insulators and separators
- Great for windows and buildings where high temperature requirements are critical
- Commonly used in oven door applications, furnace seals and RV ovens
- Setting blocks for curtain walls and commercial window & doors
- Excellent for seals and gaskets

PRODUCT FEATURES & BENEFITS

- Extreme high & low temperature resistance
- Easily die-cut
- UV/ozone resistant
- Excellent electrical insulator
- Low compression set

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	Black (other colors by special request)	
SPECIFIC GRAVITY	1.48 g/cc	ASTM D297
DUROMETER/HARDNESS (SHORE A)	80 ±5	ASTM D2240
TENSILE STRENGTH	950 psi	ASTM D412
ELONGATION	300%	ASTM D412
TEAR STRENGTH	100 ppi	ASTM D624 (DIE B)
LOW TEMPERATURE RESISTANCE	-80°F	
HIGH TEMPERATURE RESISTANCE	450°F	
HIGH INTERMITTENT TEMPERATURE	500°F	
OZONE RESISTANCE	Yes	
UV RESISTANCE	Yes	

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**