

S50RR SH

Silicone 50 Durometer Reversion Resistant Sheeting Extreme High Temperature Grade

DESCRIPTION:

Reversion Resistant silicone sheeting is designed to be used in applications where the material is being exposed to extreme high temperatures for long periods of time. The material is much more resistant to reversion than normal silicone sheeting. It is a very low volatile material, therefore it has extremely low outgassing characteristics. It has proven to be an excellent gasketing material as well as a heat shield or pad that is excellent for repeated use.

FEATURES:

- Reversion Resistant
- Extreme Low Outgassing / Low Volatile
- Excellent Heat Stability
- Excellent Gasketing Material
- UV / Ozone Resistant
- Non- Toxic, Chemically Inert
- Low Compression Set

PHYSICAL PROPERTIES

PROPERTIES	Test Method	Typical Properties
Specific Gravity, G/CC	ASTM D297	1.30
Durometer, Shore "A"	ASTM D2240	50 +/-5
Tensile Strength, psi	ASTM D412	800
Elongation, %	ASTM D412	350
Tear, ppi Die "B"	ASTM D624	80
*Temperature Range	(°F)	-80 to +500 (600 Intermittent)

*This material will handle 600F for short periods of time; however, the service life of the rubber will be shortened due to the extreme temperatures and will eventually become hard, brittle, and possibly crack depending on the demands put on the material. It is up to the end user to determine if the material is suitable for their application.

The above values are typical properties and are provided for information only. They should not be used to set specification requirements. It is up to the end user to determine whether the material is suitable for the intended application.