

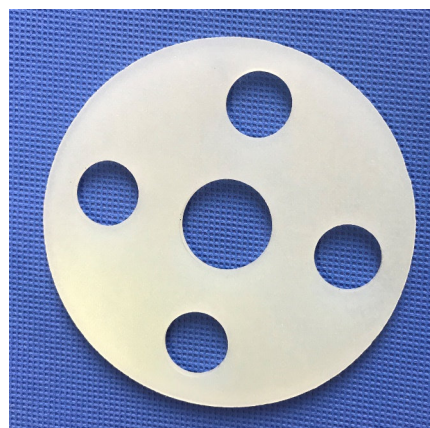
# Technical Data Sheet

## Platinum Cured Silicone Rubber

**CHEMICAL DESCRIPTION:** Polysiloxane, PMQ, VMQ

### PHYSICAL PROPERTIES

TENSILE STRENGTH: 1000 .  
 COMPRESSION SET: % Max.  
 24 Hours @ 150°C  
 ELONGATION AT BREAK: 600% Min.  
 SPECIFIC GRAVITY: 1.18 G/CC  
 TEAR: 135 ppi Die "B"  
 HARDNESS RANGE: 60° Sh. A +/- 5 ° Sh.  
 TEMPERATURE RANGE: -60° - +230° C Continuous, +250° C Intermittent  
 OZONE RESISTANCE: Excellent  
 RESILIENCE: Poor



### CHEMICAL RESISTANCE

WATER: Good  
 ACIDS: Poor  
 DRY HEAT: Excellent

"Premium Grade Peroxide Free" silicone sheeting is designed to be used where higher physical properties are required and in applications that require a low volatile and low outgassing material. Most volatiles and outgassing occur in rubber from the peroxide catalysts that are used to cure the material. This material uses a very clean, high end platinum cure system that is peroxide free. This type of cure system is most common among medical grade materials. We have tailored it to fit in many industrial applications where peroxide can cause problems to the end user. The material is available in continuous rolls or sheets. It is resistant to extreme high and low temperatures, and is proven to be an excellent gasketing material.

- Extremely Low Volatile / Low Outgassing
- Extreme High & Low Temperature Resistance
- UV / Ozone Resistant
- All FDA approved ingredients
- Low Compression Set



EC1935:2004



Complies with FDA Food Contact Regulation 21 CFR177-2600

**ELASTOMERS**



Certificate Number: 14352  
 ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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