

J-FLEX MATERIAL DATA SHEET

PEROXIDE FREE – PLATINUM CURED TRANSLUCENT SILICONE SHEETING 60° SHORE 'A' QUALITY: PLAT60



DESCRIPTION:

“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 used 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.

FEATURES:

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

SPECIFICATIONS:

ZZR-765F
FDA / USD
ASTM D2000

| PHYSICAL PROPERTIES | Typical Values | Test Method |
|---------------------|-----------------|-------------|
| Specific Gravity | 1.18 G/CC | ASTM D297 |
| Durometer | 60° (+/-5) | ASTM D2240 |
| Tensile Strength | 1000 | ASTM D412 |
| Elongation | 600% | ASTM D 412 |
| Tear | 135 ppi Die “B” | ASTM D624 |
| Temperature Range | Up to 230°C | |

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.

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Engineering Rubber Components & Specialised Sheeting Products

Units 1 & 2, London Road Business Park, Retford,
Nottinghamshire, DN22 6HG, United Kingdom

tel: +44 (0) 1777 712 400 fax: +44 (0) 1777 712 409

www.j-flex.co.uk

