

Three Bond Silicone Grease

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Product Description:

Three Bond Silicone Grease can be used in a great variety of applications where there is a requirement for lubrication, protection from dust, moisture or chemical sealing, corrosion protection and as an anti-tracking, anti-arcing coating. **Three Bond Silicone Grease** also prevents the wear, deterioration and embrittlement of plastics and rubbers. Consisting of silicone oil thickened with metallic soap, it can be used in a wider range of temperatures than oil-based greases, and is extremely resistant to thermal oxidation and to water and brake fluid.

Product Benefits:

- Provides stable lubrication within a wide range of temperatures
- Has no adverse effects on rubber or plastics – protects against deterioration and embrittlement.
- Resistant to water, brake fluid, alcohol, dilute acids and alkalis.
- Good corrosion resistance – protects components operating in wet conditions.

Typical Applications

- Lubrication and conditioning of rubber parts such as O-rings and door seals.

Properties

Physical Properties

Appearance	Smooth translucent grease
Penetration (unworked)	200~260 mn/10
Penetration (worked)	270 max
Flash point	> 300°C
Electrical strength (IEC 243-1)	15.4kV/mm
Volume resistivity (IEC3)	1.4 x 10Ω/mm
Dielectric loss at 1MHz	0.0018
Water washout (ASTM D1264) @ 38°C	<2% max
Operating temperature range	-40 ~ 200°C

Handling

Directions for Use

Three Bond Silicone Grease can be applied manually from the container with fingertips or other applicator.

Health and Safety:

Material Safety Data Sheets available on request.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy themselves as to the suitability of such information for their particular use.

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