



HIGH TEMPERATURE GASKET SEALANT



High Temperature Gasket Sealant is a single component, room temperature curing products that has a thick, paste-like consistency. It cures when exposed to atmospheric moisture to form a tough silicone rubber that has excellent temperature and chemical resistance. It will adhere well to a wide variety of surfaces, filling gaps and irregularities with an instant seal which prevents leaks. It has excellent mechanical properties and does not crack or shrink.

BENEFITS

- Non-slump consistency - easier to apply
- Single component product - does no need mixing
- Excellent adhesion to many surfaces
- Quick, reliable curing
- Excellent chemical stability and resistance to degradation
- Good dielectric properties

HIGH TEMPERATURE GRADE

- High degree of flexibility over a wide temperature range
- Seals up to 300°C, intermittent
- Can be used to form gaskets on engines and transmissions

TYPICAL USES

- Forming gaskets on automotive and other engines and transmissions.
- Sealing and encapsulating electrical connections, cable entries and junction boxes.
- Sealing joints between metals, plastics, glass, ceramics, wood or rubber.
- Bonding glass, metals and ceramics.

TECHNICAL DATA

Physical Appearance	: Thixotropic
Colour	: Red
Odour	: Vinegary (acetic)
Specific Gravity	: 1.05
Temperature Range	: Continuous: -50 to +260°C : Intermittent: to +300°C
Flash Point	: None
Skinning Time At 50°C RH	: 15 minutes
Movement Accommodation	: +25%
Cure Time	: 2 mm/24 hours

Specification Compliance	: BS 5889, Type B
Tensile Strength	: 3 N/mm ²
Paintability	: Recommended
Hardness, Shore A	: 30
Elongation (ISO 8339)	: 400%
Health And Safety	: Irritant
Packaging	: 310ml

COMPOSITION

Silicone polymers, silane cross-linking agents, silicone oil and silica filler.

PRECAUTIONS FOR USE

Low Risk

APPLICATION METHOD

Cartridge: apply direct from cartridge using appropriate hand or air pressure gun. Ensure surfaces are clean, dry, dust, oil and rust free.

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 24 months with correct storage.

HEALTH AND SAFETY

Health and Safety sheet available separately.

TECHNICAL SERVICE

CRC Industries UK Ltd provides a technical support service and maintains a constant programme of research and development. We are able to assist customers by specific product development to meet particular requirements.

MISREPRESENTATION ACT 1967 TRADE DESCRIPTIONS ACT 1968

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