

S974 Gasket Maker

Engineering Adhesives

DESCRIPTION

S974 Orange Gasket Maker is a high viscosity thixotropic gel, which cures rapidly, sealing instantly to 10 bar through its Anaerobic cure system, in contact with Metals in the absence of air (oxygen). When fully cured it resists pressure up to 200 bar and up to 180°C. S974 is a form in place gasket maker with the additional benefit of being WRAS approved.

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| Typical Properties(liquid product) | |
| Chemical base: | Methacrylate Ester |
| Colour: | Orange |
| Viscosity: | 20°C Brookfield DVII 75000-90000cps Sp6 @ 10rpm |
| Specific Gravity | 1.06 |
| Max. gap filling: | 0.50mm |
| Temp Range: | -55°C to 180°C |
| Physical Properties (cured product) @23°C | |
| Initial strength: | 20-30 minutes |
| Final strength: | 24 hours |
| Lap Shear Strength (T _{BA}) (ISO 4587) | |

APPLICATIONS

Typical applications are in sealing all types of flat faced surfaces with close fits against water, oil, gases and most common materials conveyed by systems needing sealing
Recommended for flat faced assemblies with near zero gaps.
Increase of gap size or fit extends the cure time

Where cure speed is extended due to low temperatures or inactive surfaces, activator can be used. Best results are found if S974 is applied in a continuous bead avoiding blind holes etc. Excess can be wiped away. Any migration into lines will not solidify and can be flushed away during commissioning.

DIRECTIONS FOR USE

- Parts should be clean, dry and dust free.
- Degreased parts will assist results.
- Apply sufficient product to fill joint.
- Assemble parts in traditional manner.
- To achieve handling strength allow product to solidify.

COMPATIBLE ACTIVATORS , ACCELERATORS & PRIMERS

Activators such as A471 Standard Activator. However, up to 30% strength loss can occur when using accelerators.

STORAGE & SHELF LIFE

Store in a cool area out of direct sunlight
Shelf Life: 12 months @ 20°C

PACKAGING

Bottles: 50ml & 250ml
Bulk: 15kg



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HEALTH & SAFETY

Please refer to SDS



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