



Technical Data Sheet

B574 Instant Gasket

PRODUCT DESCRIPTION

B574 Instant Gasket is a general-purpose medium strength gasketing product for use on machined and rigid flanges. An Instant gasket that provides instant pressure resistance and has excellent chemical resistance. The thixotropic formula helps reduce the migration of the sealant after application to the mated surface. Ideal for gearbox sealing, pump flanges, transmission assemblies, cover plates on tanks, camshaft sealing and bearing gaps.

GASKET SOLUTIONS

Bondloc Gasket Sealants are single-component pastes/gels that cure at room temperature in the absence of air and when in contact with metal ions. They are used to prevent leakage of fluids or gases by forming an impervious barrier when the seal must remain intact and leak-free and be resistant to fluids and gasses withstanding high temperatures. Bondloc gasketing products are self-forming gaskets that provide a perfect seal between components, with maximum face-to-face contact, eliminating flange face corrosion.

Used to replace conventional methods used in the assembly industry normally using various pre-cut gaskets, O-ring seals and profile packings which seal by compression.

ANAEROBIC KEY FEATURES

- Single-component – clean and easy to apply
- Do not creep, shrink or block systems
- Can be used on any size of pipe fitting
- Replaces all types of tape and paste sealants
- The seal resists vibration and shock loads
- Protect mated threaded areas against corrosion and galling.

TECHNICAL FEATURES

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|---------------------------------------|----------------------|
| Base technology | Dimethacrylate ester |
| Colour | Orange (UV Positive) |
| Cure | Anaerobic |
| Cure speed without Activator | 15-30 minutes @ 22°C |
| Cure speed with Activator | <10 minutes @ 22°C |
| Viscosity Brookfield Sp7@20rpm@25°C | 30,000 – 50,000 cps |
| Gap Fill | 0.3mm |
| Shelf Life | 24 months @ 22°C |
| Specific Gravity ASTM D1475-13 (2020) | 1.10 |
| Temperature Range | -55°C to +150°C |

TEST PERFORMANCE

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|--|------------------------|
| Full Cure Time | 24 hours @ 22°C |
| Strength – ISO 4587 Lap Shear Strength | 5-8.5N/mm ² |

TEST CRITERIA

The test performance data reported was measured according to ISO 4587 using grit blast mild steel and cured 24 hours at 22°C (71.6°F) before testing.

INSTRUCTIONS FOR USE

- Clean surfaces to be bonded with B7063 Solvent Cleaner and allow to dry
- Apply adhesive to the threads, apply sufficient adhesive to fill the voids and then assemble and tighten as required
- When the cure speed is slow use B7649 Anaerobic activator for increased cure and set times.

Bondloc UK Ltd.
Units 1 & 2
Bewdley Business Park
Bewdley, Worcestershire
DY12 2TZ, UK

+44 (0) 1299 269 269
sales@bondloc.co.uk





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LIMITATIONS

- This product is not recommended for use in pure oxygen and/or oxygen-rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials. Material removed from containers may be contaminated during use. Do not return the product to the original container. Bondloc UK Ltd will not assume responsibility for product that has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact our office, and report the problem
- Anaerobic products are not normally recommended for use on plastics (particularly thermoplastic materials where stress cracking of the plastic could result). Users are recommended to confirm compatibility of the product with such substrates.

STORAGE

Store product in the unopened container in a dry area out of direct sunlight. Storage below 7°C or greater than 28°C can adversely affect product performance. If stored properly, this product has a shelf life of 24 months.

HEALTH & SAFETY

This technical information sheet does not constitute a Safety Data Sheet (SDS). Before using this product ensure you have read and fully understood this products SDS.

PACKAGING FORMAT

Bottles.....50ml, 160ml, 250ml

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