

# Technical Data Sheet

B574 – Instant Gasket Revised

03.08.10



**BARNWELL**  
THE SEAL OF APPROVAL

## B574 Instant Gasket

### PRODUCT DESCRIPTION

B574 is an Instant Gasket material that forms in place, making almost any size and shape, replacing paper, cork etc. It eliminates relaxation and load loss. The assembled parts are usually suitable for immediate Low Pressure (6 bar) service and once cured can resist 350 Bar Pressure depending on gap size.

### APPLICATIONS

All formed in place applications such as gear box sealing, pump flanges, transmission assemblies, cover plates on tanks, cam shaft sealing, bearing gaps, outer housings, crank case and sump assemblies' and flange pipe fittings.

### PROPERTIES

The thixotropic nature of B574 reduces the migration of liquid after application to the substrate.

### INSTRUCTIONS FOR USE

- Clean and dry surfaces to be bonded
- Apply adhesive to threads and assemble parts.
- Parts should be left for 15 minutes to reach handling strength, working strength 1 hour
- B7471 (Standard) or B7649 (Fast) Activators can be used, however 30% strength loss can occur when using accelerators.

### TECHNICAL FEATURES

Resin	Dimethacrylate
Colour	Orange paste
Cure speed with Activator	10 mins
Cure speed without Activator	15-30 mins
Viscosity -Brookfield Sp6 @ 20rpm @25°C	50,000cps
Gap Fill/Max Threadform	0.5mm/M36
Flash Point	>100°C
Shelf Life	12 months @ 20°C
Specific Gravity	1.10
Max operating temperature	-55°C to 150°C

### CURED PERFORMANCE

Full Cure Time	24 hours @ 20°C
Breakloose Strength:	8N.m
Static Shear Strength	10N.m

### STORAGE

Store in a cool area out of direct sunlight.  
Shelf Life >12 months at ambient temperature.

### HEALTH & SAFETY

Not recommended for use in pure oxygen and oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

This technical information sheet does not constitute a Material Safety Data Sheet (MSDS). Before using this product ensure you have read and fully understood B574 MSDS.

### PRESENTATION

Bottles..... 50ml, 65ml, 160ml 250ml  
Clam Packs..... 50ml, 65ml

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product. Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.