



# Technical Data Sheet

## Bondloc 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 pump assemblies and flange pipe fittings.

### PROPERTIES

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

### INSTRUCTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease.

### COMPATIBLE ACCELERATOR/PRIMER

Primers such as B7471 (Standard Anaerobic Activator) can be used, however up to 30% strength loss can occur when using accelerators.

### STORAGE

Store in a cool area out of direct sunlight.  
Shelf Life >18 months at 20°C.

### TECHNICAL FEATURES

Resin	Dimethacrylate
Colour	Orange
Cure speed with Activator	<10 mins
Cure speed without Activator	15 - 30 mins
Viscosity Brookfield Sp3 @20rpm@25°C	50,000cps
Gap Fill	0.3mm
Flash Point	>100°C
Shelf Life	18 months
Specific Gravity	1.10
Temperature Range	-55°C to +150°C

### TYPICAL BOND CHARACTERISTICS

Full Cure Time	24 hours
Breakaway Strength -	8N.m

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

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**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 Safety Data Sheets (SDS) 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.

