



# Technical Data Sheet

## Bondloc B515 Flexible Gasket

**PRODUCT DESCRIPTION**

Flange Seal Type B515 is a purple, smooth, thick paste. Easily applied B515 cures once confined between the parts to Form-In-Place a tough, flexible gasket. B515 gives an instant low pressure seal.

**APPLICATIONS**

B515 is used for fuel and water pumps, split crank cases on engines, gearbox covers, engine thermostats, air compressor end caps, engine timing cam covers onto blocks, pump couplings, fuel tanks on small implements, chain saws, lawn mowers etc. Use B515 for dressing gaskets, spacers etc.

**USEFUL NOTES**

Where gap size is large or where the surface is uneven, apply activator to help the product cure through volume. B515 can be roller coated, screen printed, traced or pad applied.

**PROPERTIES**

Instant low pressure sealant. Forms any size or shape. Will not shrink or relax. B515 is flexible and will not crack.

**INSTRUCTIONS FOR USE**

Ensure parts are clean, dry and free from oil and grease. Apply adhesive to surface and assemble parts. Parts should be left for 30 minutes to reach handling strength. Leave for 12 hours to fully cure.

**COMPATIBLE ACCELERATORS/PRIMERS**

Primers such as B7471 (Standard Anaerobic Activator) can be used, however up to 20% strength loss can occur when using accelerators.

**STORAGE**

Store in a cool area out of direct sunlight. Shelf Life >18 months at ambient temperature.

**TECHNICAL FEATURES**

Resin	Modified Urethane Acrylate
Colour	Purple
Fixture speed	<35 minutes
Viscosity Brookfield Sp3 @20rpm@25°C	Paste
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**

B515 will instantly low pressure seal all close fit gaskets, however joint design, gap size and materials all combine to give different cure rates. Tests on fully cured materials result in pressure loads of up to 250 bar being typical.

Full Cure Time	12 hours
Shear Strength	6N/mm <sup>2</sup>

**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 consider 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.

