

Technical Data Sheet

B275 – High Strength Threadlock

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BARNWELL

THE SEAL OF APPROVAL

B275 High Strength Threadlock

PRODUCT DESCRIPTION

B275 modified is an Anaerobic Plastic Gasket in the form of a Viscous Paste and it is used to give High Strength threadlocker.

APPLICATIONS

Replaces Cord or Paper Gaskets, eliminating problems of relaxation which gives rise to Bolt Tension Loss. Typical applications are Sealing Transmission Assemblies in Rigid applications. Sealing Gearbox, Pump Flanges, Housings etc.

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	Green
Fixture Speed No Activator	1 hour - 24 hours
Fixture Speed With Activator	<10mins - 6hours
Viscosity Brookfield Sp3 @20rpm @ 25°C	7000 cps
Gap fill	0.2 mm
Flash Point	>100°C
Shelf Life	12 month min
Specific Gravity	1.10
Max Operating Temperature	-55°C to + 150°C

CURED PERFORMANCE

Full Cure Time	24 hours
Shear strength	18 - 22 N/mm(2)
Typical Breakaway	25 N/mm(2)
Tensile shear strength	10-12 N/mm (2)
Tensile strength	10-12 N/mm (2)

STORAGE

Store in a cool area out of direct sunlight. Shelf life is 12 months @ 20°C

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 B275 MSDS.

PRESENTATION

Bottles.....25ml, 50ml, 250ml
Clam Packs.....25ml

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.