

Technical Data Sheet

Bondloc B567 – Stainless Steel Pipe Sealant

Revised 01.03.17



Bondloc B567 Stainless Steel Pipe Sealant

PRODUCT DESCRIPTION

B567 is an easy to break sealant and locking action product that gives an instant seal to low pressures. Fast fixture times are found on a range of materials such as copper, mild steel and other metals. Cold temperatures will slow the cure but not the instant seal.

B567 is lubricated with active Teflon particles smoothing assembly and increasing sealing tightness, preventing escape of gas or other mediums. The locking action gives the parts vibration proof qualities and withstands changes in temperature and pressures.

B567 Pipe sealant is a high performance anaerobic that locks and seals metal, tapered pipe threads and fittings like those found on air compressors. It's ideal for stainless steel, aluminum, galvanized metal and other inert metals.

B567 has excellent solvent resistance and withstands temperatures up to 204°C. It provides an instant seal up to 1000psi and seals up to 10,000 psi when fully cured. This fast cure time allows quick assembly and prevents galling. While B567 holds the seal, disassembly is easy with standard hand tools.

PROPERTIES

An easy break pipe joint sealant to allow assembly of big and small fittings with ease of disassembly.

USEFUL NOTES

- Non shredding unlike PTFE tape
- Non hardening outside joint easy flush out
- No squeeze out under pressure
- Seals to burst pressure of the pipes
- No corrosion in the joint

INSTRUCTIONS FOR USE

For best results, clean all surfaces with Bondloc B7063 and allow to dry.

For inactive metals or slow cure speeds, apply with Bondloc B7649 and allow to dry.

Apply a 360° bead of product to the leading threads of the male fitting, ensure the material is forced into the threads to thoroughly fill the voids.

For larger threads and voids, adjust product amount accordingly and apply a 360° bead of product on the female threads also.

Tightened fittings will instantly seal against moderate pressures. For maximum pressure resistance and solvent resistance allow the product to cure a minimum of 24 hours.

TECHNICAL FEATURES

Resin	Dimethacrylate
Colour	Off white cream
Cure speed with	Fast to fixture
Cure speed without Activator	15/20 minutes
Viscosity - Brookfield Sp6 @ 20rpm	20000cps (12 to 30000)
Gap Fill	0.05mm – 0.25mm
Flash Point	>100°C
Shelf Life	12 months @ 20°C
Specific Gravity	1.06
Max Operating Temperature	-50 to 204°C

CURED PERFORMANCE

Full Cure Time	24 hours @ 20°C
Typical Breakaway	6Nm
Typical prevailing strength	2N.m (1 up to 4)

STORAGE

Store in a cool area out of direct sunlight.

Shelf Life >12 months at ambient temperature

HEALTH & SAFETY

This technical information sheet does not constitute a Material Safety Data Sheet (MSDS). Before using this product ensure you have read and fully understood B567 MSDS.

PACKAGING FORMAT

Bottles.....50ml, 65ml, 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.