



Technical Data Sheet

Bondloc B5180 Non-Setting Gasket Sealant

PRODUCT DESCRIPTION

B5180 is a non-setting gasket blue. It is a new technology sealant which is free from the solvent problems of other formulations and stays flexible when cured.

APPLICATIONS

All purpose, non-cracking user friendly formulation. B5180 is ideal for engine gaskets, surfaces, cylinder heads, water pumps, gear boxes, threaded assemblies, flanged and pipe joints etc.

The product cures to a non-hardening consistency, forming an instant seal that will not crack, chip or flake. B5180 is not flammable once cured and is self-extinguishing. The cured product resists petrol, ethanol, steam, anti-freeze, mineral and vegetable oils, common solvents and most chemicals.

USEFUL NOTES

Once the pack has been opened, always clean the threads and re-seal with the cap as soon as possible to avoid skinning over and premature hardening.

INSTRUCTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease. Apply a continuous bead, leave for 5-10 minutes and then join surfaces. No cleaning solvent is necessary. Replace the cap and retain in a cool place.

Product is normally hand applied from the tin with the brush or direct from the shuttle or cartridge.

STORAGE

Store in a cool area out of direct sunlight in unopened containers away from sources of heat.

TECHNICAL FEATURES

Chemical Base	Reaction product of synthetic resins in solvent
Colour	Vibrant blue (translucent)
Gel time	5-10 mins for solvent evap.
Viscosity	5000cps +/-1000cps
Gap fill	0.5mm
Shelf life	12 months @ 20°C unopened
Specific gravity	1.2
Max operating temp	-55°C to + 270°C

CURED PERFORMANCE

Full cure time	24 hours (with heat)
Pressure rating	Up to 10,000 psi
Flange opening	Easy split

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

Cartridge.....80ml, 310ml
Clam Packs.....75ml

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