

# Technical Data Sheet

## B5180 - NON SETTING GASKET

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### Bondloc B5180 Non Setting Gasket

#### 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, flanges 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.

#### HEALTH & SAFETY IN USE

Contains Methylene Chloride. Read MSDS sheet. Treat as irritant and harmful. Vapours irritate eyes, skin, nose and throat. Keep 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	-50°C to + 150°C

#### CURED PERFORMANCE

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

#### PRESENTATION

Shuttle applicator .....80ml  
Bulk.....on application

**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 is 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.