



Technical Data Sheet

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, 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

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| 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.....75ml, 200ml
 Power Can.....310ml
 Clam Packs.....75ml

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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.

