



# Technical Data Sheet

## Bondloc B5190 Flexible Gasket

### PRODUCT DESCRIPTION

B5190 replaces the old conventional, filled products as the new contender for all types of engine surface applications.

### APPLICATIONS

B5190 can be used on all types of engine components withstanding temperatures up to +300°C intermittent, 270°C constant. Specific applications include diesel/ petrol engines, fuel injectors, pumps, valves, cylinder heads, inlet manifolds, oil sumps, timing cases, meters, alternators, gas turbines, fans, bearing enclosures, axle assemblies, pump flange assembly, engine parts, aerospace as above, also use B5190 to seal threaded fasteners, mount gaskets, rigid metal, cork etc.

### USEFUL NOTES

B5190 is designed to complement metal to metal fits as a sealant between joints, however there are many other uses of B5190. Try B5190 on dressing pre-cut or shaped gaskets to fix seal in place. B5190 also acts as a threadlocker securing components, sealing threads etc.

B5190 will prevent Corrosion between coated parts. It is compatible with most materials, but care should be taken to allow solvent evaporation on Rubbers and materials which might "swell" if solvent evaporation is not complete.

### INSTRUCTIONS FOR USE

Apply directly onto clean parts by brush, screen print, roller coating or cartridge applied direct from the applicator nozzle. Allow time for solvent evaporation. Bring parts together to form an immediate seal. Cured material can be removed from assemblies by use of solvents.

### 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	Red (translucent)
Gel time	<10 minutes
Viscosity	6500 cps
Gap fill	0.5mm
Shelf life	12 months @ 20°C unopened
Specific gravity	1.08
Max operating temp	-55°C to + 270°C (constant) up to +300°C (intermittent)
Flash point	<17°C

### CURED PERFORMANCE

Full cure time	24 hours (with heat)
Pressure rating	Up to 10,000 psi
Temp Resistance - Intermittent	300°C
Temp Resistance - Constant	270°C

### 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.

