



Technical Data Sheet

Auto43 Threadlock & Seal

PRODUCT DESCRIPTION

Bondloc Threadlock & Seal Medium Strength is a no mix required, anaerobic liquid which cures when confined in the absence of air between close fitting metal surfaces. Ideal for all nut and bolt fasteners under 6mm / 1/4 inch. Excellent chemicals resistance and a temperature range of -55°C to +150°C (-65°F to +300°F).

APPLICATIONS

Prevents loosening and leakage of threaded fasteners. Cures without cracking or shrinking. The product does not cure outside of the jointed assembly. Particularly suitable for applications such as setscrews, adjustment screws, meters and gauges, relay lock screws, calibration screws, carburettor and choke assembly screws. Easily removable with hand tools for servicing and repair..

PROPERTIES

Use as a conventional medium strength threadlocker on cleaned parts with strengths up to 12N.m or as a convenient all-purpose threadlocker on oily parts with 8-10N.m typical strength depending on oil type and film.

INSTRUCTIONS FOR USE

- Where possible remove thick deposits of grease or dirt.
- Apply adhesive to threads and assemble parts.
- Parts should be left for 15 minutes to reach handling strength working strength 1 hour
- B7471 (Standard) or B7649 (Fast) Activators can be used, however 30% strength loss can occur when using accelerators.

STORAGE

Store in a cool area out of direct sunlight. Shelf life > 12 months at ambient temperature.

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TECHNICAL FEATURES

Resin	Mod Methacrylate
Colour	Blue
Cure speed	< 15 mins @ 20°C
Viscosity Brookfield Sp3 @20rpm@25°C	1200 cps
Max Thread Size	M80
Flash Point	>85°C
Shelf Life	12 months @ 20°C
Specific Gravity	1.04
Temperature Range	-55°C to +150°C

TYPICAL BOND CHARACTERISTICS

Full Cure Time	24 hours
Range of Strength - Breakaway	25N.m
Prevailing	5N.m

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

10ml, 25ml, 50ml

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.

