

A2572 – Technical Data Sheet



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Description

A2572 is a medium strength, high viscosity anaerobic sealant, or gasket maker. It provides an instant low pressure seal on assembly of the mating flange faces. A2572 is thixotropic, which reduces the migration of the liquid adhesive following application onto the component surface. This grade is designed to offer a controlled low break strength, which allows easy component disassembly.

A2572 is designed for the locking and sealing of metal pipes and fittings. It is used on most hydraulic, pneumatic, oil, water and gas connections. A2572 contains PTFE (Polytetrafluoroethylene), which lubricates the parts during assembly, providing additional maintenance support. A2572 can be used with or without pre-cut, pre-formed gaskets.

Directions for Use

1. For best results, clean all surfaces with a cleaning solvent and allow to dry.
2. If the metal is inactive (see compatibility chart), apply suitable Bondrite primer.
3. Apply a bead of adhesive to one of the mating metal faces.
4. Ensure the applied material fully fills all covered voids.
5. Use suitable methods to assemble components, tightening quickly to avoid shimming.
6. If required run a low pressure test to confirm a full seal has been made before the product is left to fully cure. For ultimate pressure and solvent resistance allow material to fully cure prior to use.

Properties of Uncured Material

Resin	Dimethacrylate
Colour	White
Viscosity @ 25°C Brookfield Sp 3 @ 20rpm	14,000 to 28,000cps
Cure system	Anaerobic

Performance of Cured Material

Fixture time	<30 mins @ 22°C
Fixture time with activator	<10 minutes
Full cure time	24 hours @ 22°C
Temperature range	-53°C to 120°C
Breakaway torque	7Nm
Prevailing torque	3Nm

Precaution

Store in a cool area, out of direct sunlight. Stored correctly, this grade can offer a 12-month shelf life from manufacture.

Contains methacrylate esters. Irritates eyes, the respiratory organs and the skin. In case of contact with the skin, wash immediately with plenty of water.

Please consult the A2572 Health & Safety Data Sheet for statutory regulation information.

Information relating to the products of Bondrite Adhesive Limited is based on tests carried out under laboratory conditions. If any of our products are not used in accordance with our instructions or are used under conditions which vary from our laboratory, they may not perform in accordance with any information provided and Bondrite shall not have any liability in this case. Bondrite will accordingly provide samples of our products, on request and free of charge, for Customers to carry out their own tests as to suitability of our product for their purposes and as used in their intended environment.

Purchase from Bondrite

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