

Product Description

Bondchem AS28 is a medium strength anaerobic sealant, or gasket maker. AS28 provides resistance to low pressures immediately after assembly of the mating flange faces. AS28 is also thixotropic, which reduces the migration of the liquid adhesive following application onto the component surface.

Typical Applications

Bondchem AS28 is designed to seal the joint between metal faces and flanges, such as valve covers, water pumps and gearbox casings. AS28 can be used with or without pre-cut, pre-formed gaskets.

Instructions 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 Bondchem primer.
3. Apply a continuous bead of AS28 to one of the mating metal faces.
4. Use suitable methods to assemble components, and tighten quickly to avoid shimming.
5. 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 the material to fully cure prior to use.

Properties of Uncured Material

Resin	Dimethacrylate
Colour	Red
Viscosity @ 25°C	
Brookfield Sp 5 @ 2.5rpm	300,000 to 400,000cps
Cure System	Anaerobic

Performance of Cured Material

Fixture Time	< 20 Minutes @ 22°C
Fixture Time with Activator	<15 Minutes
Full Cure Time	24 hours @ 22°C
Temperature Range	-53°C to 148°C
Shear Strength	900 to 1500psi
Breakaway Strength	30 Nm
Prevailing Strength	20 Nm

Packaging

Bondchem AS28 is available in 50ml and 250ml LDPE tubes. In addition, we can offer automated dispensing lines for the bulk dispensing of this material.

Storage & Shelflife

Bondchem AS28 should be stored in a cool dry area, out of direct sunlight. Stored correctly, this grade can offer a 12 month shelf life from manufacture.

Health and Safety in Use

Irritant: Contains Methacrylate Esters which may irritate eyes, respiratory organs and skin. In case of contact with the skin, wash immediately with plenty of water. For full Health and Safety information please consult the MSDS.