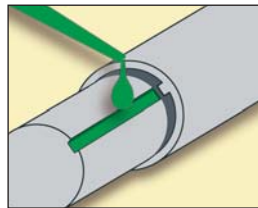


Product data

220 Multi-purpose retainer

Anaerobic



General description

A controlled strength, general purpose grade anaerobic for retaining slip fitted parts and increasing the strength of press fitted parts. It is suitable for maintenance and production line use.

AJETT 220 is approved for most industrial metals, including steel, stainless steel, brass and plated items.

As with all **AJETT** retaining products, **220** stops vibration loosening parts, acts as a seal against leakage and corrosion and resists most chemicals and solvents. It can be undone with hand tools.

Benefits

- 100% surface contact improves joint strength reliability.
- Good shear strength formulation for 80% of retaining applications.
- Increases the strength of press fitted parts
- Reduces machining costs.
- Allows larger tolerances to be used by curing through gaps up to 0.25 mm.
- Can be used on 'as received' parts.
- Forms a plastic seal that prevents joints rusting or seizing up and galvanic corrosion.
- Seals against leakage.

- Stops vibration from loosening parts.
- Wide temperature range in service.
- Green colour for easy identification.
- Cured product does not migrate.
- Easy to apply from bottle.
- Does not need activator or primer for plated parts (if application above 5°C).

Typical uses – retaining and sealing

- Shafts, rotors, gears.
- Pulleys, sleeves, bushes.
- Pins, keys, dowels.
- Bearings, oils seals

Replaces

- Staking, set screws and interference fits.
- Precise machining.

Application

- By hand or automated.
- Single component – no mixing or primers.
- Self cures within the joint.

Cost saving

- Low inventory – one grade bonds a wide variety of bearings and other devices.
- Replaces expensive machining.
- Speedy – push fits can be used.
- Joint is easy to undo, no matter how many years it has been assembled.

'Anaerobic' – the locking and sealing process begins only when parts are assembled.

Typical properties

Composition	Dimethacrylate ester
Physical appearance	Liquid
Colour	Green
Odour	Light
Viscosity at 25°C	125 mPas
Flash point, closed cup	Above 100°C
Temperature range	-50 to +150°C
Handling strength	30 minutes at room temperature
Full cure	24 hours at room temperature
Shear strength – typical	20 N/mm² on steel parts
Shear strength – range	17 to 22 N/mm² on steel parts
Corrosiveness	None
Maximum gap fill	0.25 mm

Packaging

50 ml plastic bottles
Catalogue number **220/50**. Other sizes available to order.

Shelf life

12 months minimum in normal storage conditions (dry, room temperature) and in closed original packaging.

Precautions for use

Please refer to the **AJETT** material safety data sheet *MSDS 220*.

Application method

AJETT 220 works best on clean parts. Apply evenly to one surface, Assemble and allow to cure.

Solvent resistance

AJETT 220 maintains a minimum of 80% strength after 1,000 hours in most common automotive fluids when immersed and tested at room temperature.

The product is not for use with pure oxygen systems or systems containing strong oxidising materials.

Replacement

AJett 220 can be used instead of the following anaerobic products:
Chemence Anacure 2042
Loctite 601
Omnifit 150L, 230L
Permabond A116, A148

NOTE: Data provided shows mean averages arrived after laboratory testing. Manufactured batches may vary slightly.

This publication is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the product is suitable for its intended use.

The information is given in good faith and based on the state of our knowledge about the product – but cannot be used as a sales specification.

The attention of users should be brought to eventual hazards arising from the use of the product if they differ from what it was originally formulated for.

The customer will agree and accept our general sales and supply condition, in particular the cause of limitation and relief of responsibility.

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