

Product data

211 Bearing retainer

Anaerobic



General description

A controlled, medium strength anaerobic for retaining cylindrical assemblies, such as bearings to shafts and in housings. It is ideal for both maintenance and production line use. **AJETT 211** is approved for most industrial metals, including steel, stainless steel, brass and plated items.

As with all **AJETT** retaining products, **211** 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.
- Forms a plastic seal that prevents joints rusting or seizing up and galvanic corrosion.
- Seals against leakage.
- Allows larger tolerances to be used by curing through gaps up to 0.25 mm.
- Stops vibration from loosening parts.
- Wide temperature range in service.
- Augments press fits.

- Can be used on 'as received' parts.
- Yellow 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

- Oil seals.
- Bearings on shafts and in housings.
- Bushes in soft metals.
- Impellers, splines and keys.
- Locking keys and splines – eliminates backlash in worn assemblies.
- Locking bearings in place, preventing spin-out.

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.

Typical properties

Composition	Dimethacrylate ester
Physical appearance	Liquid
Colour	Yellow
Odour	Light
Viscosity at 25°C	525 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	11 N/mm² on steel parts
Shear strength – range	7 to 16 N/mm² on steel parts
Corrosiveness	None
Maximum gap fill	0.25 mm

Packaging

50 ml plastic bottles
Catalogue number **211/50**. 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 211*.

Application method

AJETT 211 works best on clean parts. Apply evenly to one surface, Assemble and allow to cure.

Solvent resistance

AJETT 211 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 211 can be used instead of the following anaerobic products:

Chemence Anacure 2055

Loctite 641

Bostik T41

Truloc Superfit 211

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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