

Product data

900

Polyolefin Primer

Cyanoacrylate primer for plastics



General description

A specially formulated water-thin and brushable solvent for pre-application with **AJett** cyanoacrylate adhesives to bond polyolefins.

AJETT 900 improves the adhesives' bonding performance on difficult to bond polyolefin plastics such as polypropylene, high and low density polyethylene and PTFE as well as thermoplastic rubber materials and EPDM.

Touch dry almost immediately, **AJett 900** can be used with **AJett 500** cyanoacrylate adhesive to achieve, in many cases, substrate failure of bonded assemblies.

AJett 900 is a highly flammable product.

Benefits

- Low viscosity for good surface wetting.
- Fast fixturing and excellent strength.
- Versatile – can be used on a range of difficult to bond plastics.
- Allows increased gaps of up to ≤ 0.25 mm to be bonded successfully.

Typical substrates

- Polypropylene (PP).
- High density polyethylene (HDPE).
- Low density polyethylene (LDPE).
- PTFE and other fluoroplastics.
- Other difficult to bond plastics.
- Silicone rubbers.
- Santoprene.
- Viton.
- EPDM.
- Other thermoplastic rubbers.

Use in conjunction with

- Particularly recommended for use with **AJett 500** cyanoacrylate adhesive.

Application

- By brush top cap.

Typical properties

Composition	Acetone
Physical appearance	Liquid
Colour	Clear water white
Odour	Solvent smell
Viscosity at 25°C	1 mPa.s
Specific gravity	0.791 at 23°C
Flash point, COC method	-17°C
Allows gap fill of	≤0.25 mm*
Fixture time – typical polyolefin	0.1 to 2 seconds
Full cure at 23°C, 50% RH	4 hours with AJett 500
Cured Shore D hardness	80 for most cyanoacrylates*
Cured tensile shear strength	Substrate failure with AJett 500†
Cured thermal service range	-30 to +70°C*
Toxicity	Low to moderate – see MSDS

* Assumes combination of AJett 500 primer and AJett 500 cyanoacrylate adhesive.

† Depends upon substrate.

Packaging

20 ml glass bottles with brush top cap.
Catalogue number **900/20** . Other sizes available to order.

Shelf life

6 months minimum in normal storage conditions (dry, room temperature) and in closed original packaging. Refrigeration extends shelf life. To avoid contamination, do not return unused product to containers.

Precautions for use

Highly flammable. Please refer to the **AJETT** material safety data sheet *MSDS 900*.

Application method

AJETT 900 works best on clean parts. Brush on to one or both surfaces. Apply adhesive as a bead or drops to one surface.

Immediately assemble and fixture with light clamp pressure for a minimum of three seconds – longer if a large gap.

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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