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# F-BOND Infiltrant 5005

## Description

F-Bond Infiltrant 5005 is a single component, ethoxyethyl-based cyanoacrylate adhesive that is ideally suited for providing strength, durability, and enhanced surface quality to models created from 3-D printers.

Some 3-D printers generate models from starch-based materials that are solidified with a binder. These porous and somewhat fragile parts can be strengthened, and the surface can be made harder by flowing F-Bond 5005 over the model surface and allowing to cure. The improved part may then be sanded and painted for use as an engineering model or as a master model for the creation of durable urethane reproductions. This product features:

- *Low viscosity for good part penetration*
- *Low odor compared to generic cyanoacrylates*
- *Low exotherm to minimize risk of part deformation due to heat*
- *Fast curing allows for quick turnaround time*

## Physical Properties

Viscosity (cps)	5
SetTime (seconds)	5-20
Tensile Strength (psi - ASTM D-412)	2,400
Specific Gravity	1.06
Service Temperature	-65°F to 200°F

## Ordering Information

Item Number	Description	Size
055319	F-Bond Infiltrant 5005	100 gram bottle
055320	F-Bond Infiltrant 5005	1 lb. bottle

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

**READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT**

### Freeman Mfg. & Supply Co.

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# F-BOND Infiltrant 5008

## Description

F-Bond Infiltrant 5008 is a single component, ethoxyethyl-based cyanoacrylate adhesive that is ideally suited for providing strength, durability, and enhanced surface quality to models created from 3-D printers.

Some 3-D printers generate models from plaster-based materials that are solidified with a binder. These porous and somewhat fragile parts can be strengthened, and the surface can be made harder by flowing F-Bond 5008 over the model surface and allowing to cure. The improved part may then be sanded and painted for use as an engineering model or as a master model for the creation of durable urethane reproductions. This product features:

- *Low to medium viscosity for good part penetration*
- *Low odor compared to generic cyanoacrylates*
- *Low exotherm to minimize risk of part deformation due to heat*
- *Fast curing allows for quick turnaround time*

## Physical Properties

Viscosity (cps)	80
SetTime (seconds)	15-40
Tensile Strength (psi - ASTM D-412)	2,600
Specific Gravity	1.06
Service Temperature	-65°F to 200°F

## Ordering Information

Item Number	Description	Size
055321	F-Bond Infiltrant 5008	100 gram bottle
055322	F-Bond Infiltrant 5008	1 lb. bottle

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

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