



## F-Bond Cyanoacrylates

### Description

A complete line of cyanoacrylate adhesives and accessories for various bonding applications. The fast-setting materials are designed for metal, wood, plastic, and tooling board adhesive requirements. These systems may also be used for gap-filling and sealing the surfaces of SLA, LOM, and FDM models and parts.

### Adhesives

**F-Bond Thin** - General purpose and extremely fast setting.

**F-Bond Medium** - Rapid setting medium viscosity adhesive with good flexibility.

**F-Bond Thick** - Thixotropic formulation which allows for use on vertical applications.

**F-Bond Gel** - Formulated with a rubber filler which allows for high vibration and shock applications. Very high heat resistance and good machinability.

### Accessories

**F-Bond Primer** - Pre-apply primer to surfaces to be bonded to increase bond strength.

**F-Bond Accelerator** - Used to accelerate cure time and increase gap-filling capabilities.

**F-Bond Remover** - Used to easily remove F-Bond from unwanted areas.

**F-Bond Dosing Tips** - High-quality precision application replacement tips for our 2 ounce bottles.

**F-Bond Piercing Cap** - A needle point cap to prevent dispenser from clogging.

### Physical Properties

Description	Viscosity	Set Time*			Max. Gap	Tensile	Temperature
		M	R	P	Fill	Shear PSI	Range
F-Bond Thin	3 cps	5	3	3	.002"	3200	-65 to 200 F
F-Bond Medium	250 cps	12	7	8	.006"	3200	-65 to 200 F
F-Bond Thick	1500 cps	20	10	15	.008"	3400	-65 to 200 F
F-Bond FlexBlack Thick	1500 cps	70	45	40	.008"	3700	-65 to 280 F
F-Bond Gel	Thixotropic	60	15	25	.010"	3500	-65 to 200 F
* = Set Times in Seconds : M = Metal, R = Rubber, P = Plastic							

### General Usage Tips

1. Clean all surfaces to be bonded.
2. Cut top of nozzle with scissors or knife. Be sure to keep nozzle away from eyes and face when opening.
3. Apply a thin layer of adhesive to one surface. Excessive amounts will increase set time and weaken bond strength.
4. Place parts together and apply pressure for a few seconds. Maximum bond strength will be achieved in 1 to 3 hours. Full cure is reached in 24 hours.

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

