

INSTANT GLUES – POLYFIX™ GLUES

INSTANT GLUES



These American made Instant Glue products were used extensively in construction of the "Around the World Non-stop" Voyager aircraft and are highly recommended for many homebuilt aircraft applications by Voyager Aircraft, Inc. and Rutan Aircraft Factory. They create a fast, permanent bond on many similar and dissimilar materials such as woods, metals and composite materials.

HOT STUFF™ - Odorless THIN have a consistency resembling that of water, used mainly for bonding parts which fit very well. 2oz. P/N 01-35500

SUPER 'T'™ - A consistency similar to that of syrup and has the ability to fill small gaps between parts which don't fit perfectly. SUPER 'T'™ cures at a slower rate than HOT STUFF™, (10-25 seconds depending on the material). 2oz. P/N 01-35600

SPECIAL 'T'™ - Special 'T'™ and new UFO™ Odorless THICK are very thick cyanoacrylates with a consistency resembling cold honey. SPECIAL 'T'™ and UFO™ Odorless THICK have greater gap-filling ability than SUPER 'T'™ and more positioning time after contact of parts. The rate of cure is slow enough, (usually 50-60 seconds depending on the material), to allow precise alignment of parts, after assembly. 2oz. P/N 01-01039

NCF QUICK™ - Used with HOT STUFF, UFO Odorless THIN, SUPER T, and UFO Odorless THICK., and with it you can do almost magical things. NCF Quick works in three ways to make HOT STUFF, SUPER 'T' and SPECIAL 'T' Easier, Faster, Stronger and able to bond some of the most unusual materials you can think of. 6 oz. P/N 01-00689

SUPER SOLVENT™ - Super Solvent™ is a remarkable debonder and cleaner for any instant glue. Use it for hand clean-up, removes instant glue from most clothing and surfaces. Some fabric, colorings or materials may be affected, so test-patch on an inconspicuous place. Add 2oz. P/N 01-35800

3M SCOTCH-WELD DP190 TRANSLUCENT EPOXY ADHESIVE 200 ML



3M™ Scotch-Weld™ Epoxy Adhesive DP190 - Translucent is a two-part epoxy adhesive that delivers exceptional performance with high shear and peel strength. This epoxy adhesive is formulated to bond to a wide range of materials, such as metals, ceramics, wood, fiberboard, glass, rubber and many plastics. With an 80-minute work-life, this epoxy adhesive allows for an extended period of time for adjustment and precise application. 3M™ Scotch-Weld™ Epoxy Adhesive DP190 reaches handling strength in approximately 10 hours and full cure in 14 days at room temperature. This epoxy adhesive has low viscosity and a 1:1 mix ratio. Additionally, we engineered 3M™ Scotch-Weld™ Epoxy Adhesive DP190 — Translucent to exhibit good environmental aging properties, delivering long-term durability. Volume: 200 ml P/N 09-04777

FIX-IT REPAIR COMPOUNDS



Fix-it is a universal repair compound. It is excellent for rebuilding or fabricating parts and as an all purpose adhesive for wood, metals, ceramic, glass, and many plastics. Fix-it can be tapped or drilled, sanded, filed or painted. Patch holes and cracks and seals leaks. Sets rock hard overnight. Fix-It is non-toxic, non-hazardous, and impervious to fuels and liquids.

White 1/4 lb. P/N 01-14770
White 1 lb. P/N 01-14775
Silver 1/4 lb. P/N 01-14790
Silver 1 lb. P/N 01-14795

POLYFIX™ 6000 DEBONDER

Will soften cured ca. If parts are bonded incorrectly or your fingers are stuck together a few drops of POLYFIX™ 6000 debonder. Will dissolve the ca in about a minute. Apply on bonded skin and roll apart fingers. Once unstuck, use Acetone to clean off softened ca then wash off with soap and water POLYFIX™ 6000 debonder will easily remove the adhesive residue. 1 fl. oz. (CAS NO. 68-12-2) P/N 01-01037



POLYFIX™ 11000 GAP FILLING CYANOACRYLATE



This is a higher viscosity ca for loose fitting joints in which the adhesive must bridge gaps. Normally, the thicker ca is applied to one surface and then the parts are held tightly together for about 5 to 15 seconds. For large surface areas including those with close fitting joints such as lamination Polyfix™ 11000 gap filling should be used. To prevent premature curing, don't spread the glue into a thin film, lay down a serpentine bead with about 1" separation on one surface, then assemble the parts, letting the pressure spread the ca out. MIL SPEC-A-46050-C. (CAS NO. 7085-85-0)

Description	Part No.	Price
Polyfix™ 11000 Gap Fill 1/2 oz.	01-01016	---
Polyfix™ 11000 Gap Fill 1/2 oz. Brush on	01-01238	---
Polyfix™ 11000 Gap Fill 1 oz.	01-01017	---
Polyfix™ 11000 Gap Fill 2 oz.	01-01018	---
Polyfix™ 11000 Gap Fill 8 oz.	01-01019	---

POLYFIX™ 10000 ACCELERATOR IN PLASTIC BOTTLES



Non-flammable and less than 10% degrade when applied on ca's comparing to methanol and acetone accelerator that has 13/15% degrade. This accelerator allows ca's to quickly cure by enhancing the alkaline conditions during polymerization. POLYFIX™ 10000 in a spray bottle is normally used to cure the ca that flows from joints or cracks when parts are pressed together. Apply an additional bead of thick ca along seam and then curing with POLYFIX™ significantly enhances a crack's strength. For difficult to bond material, POLYFIX™ 10000 can be applied to one surface and ca to the opposite surface. When brought together, they will bond instantly. MIL SPEC-A-46050-C-TYPE II A OR III A. (CAS NO. 99-97-8). (CAS NO. 64742-48-9)

Description	Part No.	Price
Polyfix™ 10000 Accelerator 2 oz.	01-01035	---
Polyfix™ 10000 Accelerator Refill 8 oz.	01-01036	---

POLYFIX 14000 THIN CYANOACRYLATE



Polyfix™ 14000 Thin Cyanoacrylate has a super thin viscosity that penetrate deep into cracks by capillary action and cures in a matter of a few seconds. Surfaces to be bonded must be tight fitting and should be held together while you apply the ca around the edges of the seams at the moment ca's cure they give off a vapor that can irritate the nose and eyes, so be prepared. Thin ca's work very well

on any type of material, form more than just a surface bond. MIL SPEC-A-46050-C. (CAS NO. 7085-85-0)

Description	Part No.	Price
Polyfix™ 14000 Thin Cyanoacrylate 1/2 oz.	01-01008	---
Polyfix™ 14000 Thin Cyanoacrylate 1 oz.	01-01009	---
Polyfix™ 14000 Thin Cyanoacrylate 2 oz.	01-01010	---
Polyfix™ 14000 Thin Cyanoacrylate 8 oz.	01-01011	---

POLYFIX™ PLASTIC REPAIR KITS



Polyfix™ Thermal Fusion is a 3-part system that uses chemical reaction to heat the repair to 142°F, fusing it to the parent part. This system repairs ABS, rolyite, graphite, lexan, polycarbon, Kevlar, plexiglass, fiberglass and many other materials. The system combines Industrial cyanoacrylate glue, a catalytic filler, and an accelerator. May be used on speed fairings, wing tips, cowlings, glare shields, and more. Kits include Polyfix™ Industrial chemical, polydust, gloves, finger cots, fiberglass mat, protection hand cream, no mixing tools, and an easy to follow instruction manual. Zero Shrinkage.

(SMALL) • Size: 1/4" x 1/8" x 30" • 1/2oz. 14000 CA. Thin • 1/2oz 10000 Accelerator • 2 M/Grams Catalytic • 1-3" x 8" Fiberglass • 1/2oz Hand Cream • 1-Pair Latex Gloves • 6 Finger Cots • 1 Manual (33 Page w/ words/Pictures) • MIL SPEC-A-46050-C • (CAS NO. 7085-85-0) • (CAS NO. 601-35-4) • MIL-A-46050-C TYPE II A OR III A • (CAS NO. 99-97-8) • (CAS NO. 64742-48-9) P/N 01-01045

(MEDIUM) • Size: 1/4" x 1/8" x 60" • 1 Manual (33 Page w/words/Pictures) • 1oz 14000 CA. Thin • 4 M/Grams Catalytic • 1/2oz. Hand Cream • 1oz 10000 Accelerator • 1-3 x 12" Fiberglass • 1 Pair Latex Gloves • 10 Fingercots • G.S.A NATIONAL STOCK NO. POLYFIX • 1-LB 1800 NUMBER 8040-01-364-799 • MIL SPEC-A-46050-C • (CAS NO. 7085-85-0) • (CAS NO. 601-35-4) • MIL-A-46050-C TYPE II A OR III A • (CAS NO. 99-97-8) • (CAS NO. 64742-48-9) P/N 01-00235

(LARGE) • Size: 1/4" x 1/8" x 120" • 1 Manual (33 Page w/words/Pictures) • 2oz. 14000 CA THIN • 2oz 10000 Accelerator • 8 M/Grams Catalytic • 10" x 10" Fiberglass (mat) • 1/2oz Hand Cream • 2 Pairs Latex Gloves • 20 Fingercots • MIL SPEC-A-46050-C • (CAS NO. 7085-85-0) • (CAS NO. 601-35-4) • MIL-A-46050-C TYPE II A OR III A • (CAS NO. 99-97-8) • (CAS NO. 64742-48-9) P/N 01-00236