

Adhesives, Etc.

3M



Total Plastics is a full line supplier of 3M™ products. We offer solutions for adhering, bonding and fastening, as well as safety products, tapes, and more. Listed below are some of our recommended 3M™ adhesives for plastic applications, if you don't see what you're looking for, give us a call.

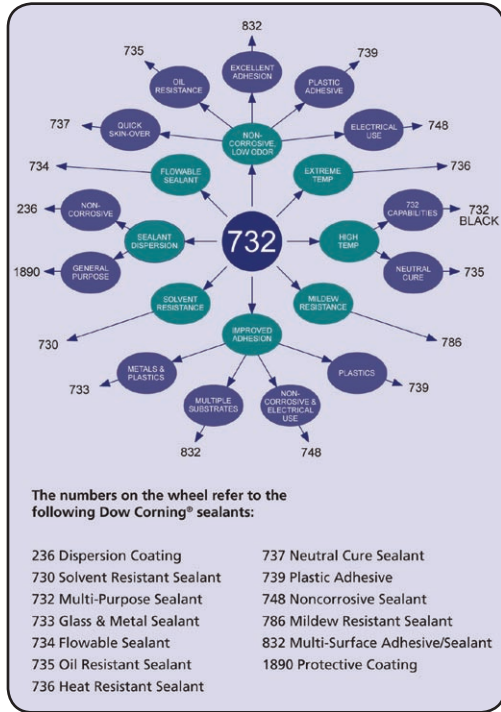
3M™ Spray Adhesives				
3M™ FoamFast 74 Spray Adhesive	• For bonding flexible urethane or latex foam together or to many other materials like wood, metal, and non-vinyl glass		24 fl. oz.	Orange
3M™ Super 77 Multipurpose Adhesive	• High tack • High coverage • Fast drying	For permanently attaching foils, carpeting, lightweight foams, paper, cardboard, felt and cloth to painted or unpainted metals, wood and hardboard	24 fl. oz.	n/a
3M™ Hi-Strength 90 Spray Adhesive	• Fast contact strength build-up for many decorative laminates • Only needs 1 minute of drying time		24 fl. oz.	n/a
3M™ Citrus Base Cleaner	• Used to dissolve and remove dirt, grease, tar and many non-curing type adhesives • Used to degrease substrates for adhesive bonding in place of many chlorinated or petroleum-based solvents		24 fl. oz.	n/a
3M™ Industrial Spray Adhesive	• Economical, industrial grade, general purpose aerosol adhesive	Bonds a wide variety of lightweight materials, including paper, cardboard, plastic films, foam, and fiberglass insulation	24 fl. oz.	n/a
3M™ Epoxy Adhesives				
Product	Benefits	Applications	Size(s)	Color(s)
3M™ Scotch-Weld™ Neoprene High Performance Contact Adhesive 1357	• Provides a long bonding range • Excellent initial strength	Bonds most rubber, cloth, metal, wood, foamed glass, paper honeycomb, decorative plastic laminates and more	5 gallon pail	Gray-Green
3M™ Scotch-Weld™ Epoxy Adhesive 2216 B/A	• Highly flexible • Cures at room temperature • Provides high strength bonds in shear and peel	Bonds rubber, metal, wood, plastic and masonry	1 quart part B/A	Gray
3M™ Scotch-Weld™ Epoxy Adhesive DP100	• Fast setting • Room temperature curing	Bonds many metals, ceramics, wood and many plastics	1.7 oz. tube	Clear
3M™ Hot Melt Adhesives				
3M™ Scotch-Weld™ Hot Melt Adhesive 3792Q	• Provides a long bonding range when dispensed at low melt temperature	Bonds wood, P.O.P. displays, corrugated, furniture, upholstery, novelties, and other lightweight materials	5/8" x 8"	Clear
3M™ Scotch-Weld™ Hot Melt Adhesive 3762Q	• Designed for use through either the 3M Polygun EC (Electronic Control) Applicator with temperature module #3 or 3M Polygun TC Applicator with Quadrack Converter and Palm Trigger		5/8" x 8"	Tan
3M™ Scotch-Weld™ Hot Melt Adhesive 3762LMQ	• Improved "hot tack" when dispensed at low melt temperature	Bonds breadboard, corrugated and displays	5/8" x 8"	Light Amber
3M™ Scotch-Weld™ Hot Melt Adhesive 3762PG	• Designed for use through 3M Polygun II Applicator Only		1" x 3"	Tan
See pages ## for 3M™ tapes.				



DOW CORNING

Dow Corning® Sealants & Adhesives

Silicone-based Dow Corning sealants last longer and are more versatile than most organic polymer sealants. These one part RTV sealants are durable and cure at room temperature to a tough, rubbery solid with exceptional performance characteristics. They meet a wide variety of your industrial bonding and sealing needs.



Use this Selection Wheel to find the best sealant for your application.

- **Stability over a wide temperature range** – When fully cured, our products can be used at temperatures ranging from -85°F to 599°F.
- **Weather resistance** – High resistance to UV rays, radiation and weather prevents our products from hardening, cracking, crumbling, drying and becoming brittle.
- **Chemical stability** – Our sealants do not readily degrade even under long-term exposure to many chemicals and atmospheric pollutants.
- **Good bond strength** – Our products provide good adhesion to a wide variety of industrial materials, including glass, ceramics, wood masonry, painted surfaces, and many metals and plastics.
- **Electrical properties** – Designed for a variety of applications, our products can be used in various electrical and electronic applications, including devices that are thermally cycled over a wide temperature range.
- **Low Flammability** – In fire conditions, silicone adhesives / sealants are reluctant to burn. Many products comply with UL flammability standards.

Dow Corning® 700 Industrial Grade Silicone Sealant

General industrial sealing and adhesive applications. Will not sag or run; may be applied overhead or on side walls.

Applications: Adhering appliance trim and nameplates, formed-in-place gaskets, gear boxes and pumps, bonding appliance parts and signs, caulking doors and windows, sealing out moisture.

- Continuous temperatures from -75 to 350°F; intermittent to 400°F
- FDA 21, NSF 51, UL listed



Dow Corning® 732 Multi-Purpose Sealant

General purpose bonding and sealing; making formed-in-place gaskets. Will not sag or run; may be applied overhead or on side walls.

Applications: Sealing flashing, vents, flues, gutters, marine cabins and windows, electrical boxes; caulking joints in sheet metal stacks, ductwork; bonding appliance parts, signs and sign letters; adhering auto trim, appliance trim, name plates; making formed-in-place gaskets for compressors, gearboxes, pumps.

- Continuous temperatures from -75 to 350°F; intermittent to 400°F
- FDA 21, NSF 51 and 61, UL listed, MIL-A-46106



Dow Corning® 733 Glass & Metal Sealant

For bonding and sealing. Improved adhesion over other acetoxy sealants; will not sag or run; may be applied overhead or on side walls.

Applications: Bonding and sealing appliances, heavy equipment, marine equipment, recreational vehicles.

- Continuous temperatures from -75 to 350°F; intermittent to 400°F
- FDA, NSF 51, UL listed



Dow Corning® Sealant Family.

Dow Corning® 736 Heat Resistant Sealant

Sealing and bonding applications exposed to temperatures as high as 600°F. Resistant to high temperatures

Applications: Sealing fired heaters, flanged pipe joints, access doors, moving oven belts, industrial ovens and boilers, plywood drying ovens, bag filters on smoke stacks, flues on gas appliances; bonding appliance parts, electrical and electronic equipment; caulking joints in sheet metal stacks, ductwork.

- Continuous temperatures from -85 to 500°F; intermittent to 599°F
- FDA 21, NSF 51, UL listed, MIL spec



Dow Corning® 737 Neutral Cure Sealant

General manufacturing assembly operations where quick cure and good adhesion are important. Primerless adhesion to most materials; oxime cure; quick skin-over.

Applications: OEM and assembly applications; substitute for mechanical fasteners on appliances; adhering plastic moldings to plastic substrates; waterproofing components, sealing coaxial connectors, protecting instrumentation; may be used on concrete and masonry.

- Continuous temperatures from -85 to 350°F; intermittent to 400°F
- FDA 21, UL listed



Dow Corning® 738 Electrical Sealant

For bonding and sealing. Can be used in corrosion-sensitive electrical and electronic equipment; non-corrosive (alcohol) cure.

Applications: Bonding and sealing corrosion-sensitive electrical and electronic equipment.

- Continuous temperatures from -80 to 356°F
- UL listed, MIL-A-46146 Type 1



Adhesives, Etc.

DOW CORNING

Dow Corning® 786 Silicone Mildew Resistant Sealant

Mildew resistant silicone rubber sealant for nonporous surfaces, including applications exposed to high humidity / moisture.

Applications: Sealing around shower-tub enclosures, tubs, sinks, urinals and whirlpools, sealing around bathroom fixtures, waterproofing rimless sinks, ceramic tile grouting.

- Continuous temperatures from -76 to 350°F; intermittent to 400°F
- FDA 21, NSF 51



Dow Corning® 1200 RTV Prime Coat

Significantly improves the adhesion of silicone sealants, to a wide variety of challenging substrates. Available in cans, pails and drums. Colors are Clear and Red.

Applications: Improves the adhesion of silicone sealants, coatings and rubber to masonry, wood, granite, metals, glass, ceramics, plastics, rubbers and coatings.

Dow Corning® P5200 Adhesion Promoter

Significantly improves the adhesion of silicone sealants, with low VOC to a wide variety of challenging substrates. Available in cans. Colors are Clear and Red.

Applications: Improves the adhesion of silicone sealants, coatings and rubber to masonry, wood, granite, plastics, rubbers and coatings.

Dow Corning® OS-2 Silicone Cleaner and Surface Prep Solvent

Ideal for removing oils, greases, waxes and sealant residue – especially silicone; cleaning surfaces to be painted, bonded or sealed; replacing VOC solvents. VOC exempt (VOC=0 g/L). Certified as a Clean Air Solvent by the California South Coast Air Quality Management District. Easy to use, low in toxicity, essentially odorless. Safe on plastics and non-corrosive to metals. Ideal for diluting and tailoring the viscosity of silicones. Available in cans, pails and drums.

Applications: Cleaning plastics, metals, other surfaces, or preparing these surfaces for painting, bonding or sealing.

Dow Corning® Sealants

Product	Color(s)	Sizes
Dow Corning® 700 Industrial Grade Sealant	Clear White Black Aluminum	3 oz. tube 10.3 fl. oz. cartridge 4.5 gal. pail
Dow Corning® 732 Multi-Purpose Sealant	Clear White	3 oz. tube 4.7 oz. tube 10.3 oz. tube 10.3 fl. oz. cartridge 4.5 gal. pail 52 gal. drum
Dow Corning® 733 Glass & Metal Sealant	Clear White Black Aluminum	3 oz. tube 10.3 fl. oz. cartridge 4.5 gal. pail
Dow Corning® 736 Heat-Resistant Sealant	Red	3 oz. tube 10.3 fl. oz. cartridge 4.5 gal. pail
Dow Corning® 737 Neutral Cure Sealant	Black Translucent	3 oz. tube 10.3 fl. oz. cartridge 4.5 gal. pail
Dow Corning® 738 Electrical Sealant	White	3 oz. tube 10.3 fl. oz. cartridge 4.5 gal. pail
Dow Corning® 786 Mildew-Resistant Sealant	White Translucent	10.3 oz. 52 gal. drum

Call TPI for more information on Dow Corning® Primers & Cleaners.



NOVUS® polish can restore and clean your plastic and acrylic products. NOVUS® polishes have saved manufacturers and consumers millions of dollars over the 30 years they have been on the market.

Applications:

- Plastic windows & skylights
- Boat windows & fiberglass
- Auto interiors, gauges, chrome & acrylic paint
- Acrylic hot tubs & spas
- Acrylic aquariums
- Telephones, pagers, scanners
- Plastic display cases & signs
- Safety shields & goggles
- Airplane windows
- Salad bar sneeze guards
- Copiers and fax machines
- Acrylic on tanning beds
- Acrylic, fiberglass or cultured marble tubs, showers & counters



NOVUS® Polish #1 – Plastic Clean and Shine

Gently cleans all plastics without scratching, and leaves a lustrous shine that resists fogging, repels dust, and eliminates static.

- Resists finger marking
- Contains no abrasives or harsh chemicals
- Leaves a smooth, clean, greaseless shine

NOVUS® Polish #2 – Fine Scratch Remover

Removes fine scratches, haziness and abrasions from most plastics. With repeated use, NOVUS® #2 restores faded and discolored plastics.

- Removes the damage instead of filling it in
- Buffs out quickly
- After restoring, seals with a coat of polish

NOVUS® Polish #3 – Heavy Scratch Remover

Removes heavy scratches and abrasions from most acrylic surfaces. Use when damage is too severe to be restored with NOVUS® #2 polish.

- Requires use of NOVUS® #2 for final finishing
- Not recommended for use on coated plastics

Novus® Polishes

Product	Item #	Description	Quantity Per Case
Novus® Polish #1	PC-10	8 oz. w / sprayer	24
	PC-108	64 oz. (1/2 gallon)	12
Novus® Polish #2	PC-20	8 oz. w / flip spout	24
	PC-208	64 oz. (1/2 gallon)	12
Novus® Polish #3	PC-30	8 oz. w / flip spout	24
	PC-308	64 oz. (1/2 gallon)	12






Weld-On® Assembly Adhesives

Assembly adhesives are for use in fabrication and product assembly applications. Weld-On® products are widely used in the manufacturing of signs, P.O.P. displays, display cases, medical devices, aerospace components and in assembling aquariums, sporting goods, and other finished products. Formulated to bond to a variety of plastic and non-plastic materials (e.g. ABS, acrylic, concrete, fiberglass, metal, polycarbonate, PVC, styrene, wood), Weld-On® Assembly Adhesives are highly regarded for qualities such as high bonding strength, weather resistance, clear seams and quick set.

Weld-On® Structural Adhesives

The Weld-On® line of toughened, high-strength methacrylate adhesives are used in a range of high performance applications. Weld-On® Structural Adhesives applications include marine, transportation, building & construction, wind energy, industrial and product assembly. Weld-On® structural adhesives have been formulated to bond to a variety of substrates requiring little to no surface preparation.

Weld-On® Acrylic Adhesives

Formulation	Description	Sizes
#3 Clear	Non-flammable, water-thin, very fast setting, solvent cement for bonding acrylics. Also bonds styrene, butyrate, PETG, and polycarbonate to themselves. Will not bond to cross-linked acrylics. 	4 oz. Pint
#4 Clear	Non-flammable, water-thin, moderately fast setting, solvent cement for bonding acrylics. Also bonds styrene, butyrate, PETG, and polycarbonate to themselves. Will not bond to cross-linked acrylics. 	
#16 Clear	Fast setting, medium bodied, high strength, acrylic cement. Also bonds rigid PVC, ABS, styrene, butyrate, polycarbonate to themselves and each other, as well as other plastics and porous surfaces.	
#40 Clear	Two-part, reactive, high strength, acrylic adhesive for bonding and fabricating all acrylics to each other and to polyester, butyrate, PVC, ABS, PETG, polycarbonate, etc. Meets Mil Spec A-8576 Type III. 	

Weld-On® Vinyl Adhesives & Cements

Formulation	Description	Sizes
#1001 Clear	Thin-bodied, slow-setting cement for bonding flexible or rigid vinyl to aluminum, glass and canvas.	Pint Gallon
#1007 Clear	Thin bodied, very fast setting cement for bonding rigid vinyl, foamed PVC and KYDEX®.	
#2007 Clear	Water-thin, very fast setting solvent cement for bonding PVC, foamed PVC, and KYDEX® to themselves and to each other.	



Total Plastics is a Weld-On® full line distributor. Call for additional products.

More Weld-On® Products:

Weld-On® #705 Grey: For all PVC and CPVC applications. Medium bodied, fast setting PVC for all classes and schedules. Available in pints, quarts or gallons.

Weld-On® #714 Grey: Heavy bodied, medium setting for CPVC for all classes and schedules. Available in pints or quarts.

Weld-On® #1701 Light Blue: Liquid cleaner to remove masking tape and other foreign matter from acrylic. Available in pints.

Weld-On® P-70 Primer: This is a clear or purple colored, non-bodied, very fast acting, water thin solvent system. It is distinctly colored so that detection of its use in a joint can be made later. The strong action of P-70 Primer softens and dissolves the joining surfaces of PVC and CPVC pipe and fittings very rapidly. The benefit of this priming action is especially noticeable on parts being joined together in cold weather. Available in pints, quarts or gallons.

Adhesives, Etc.

Brilliance®

"When Appearance Is Everything"

Brilliance® All Purpose Polish

For cleaning and polishing acrylic and polycarbonate plastics, as well as any hard, shiny, non-absorbent surface.

- Anti-static – surface repels dust
- Cleans and glazes in one operation
- Resists finger marks
- Easy to use
- Environmentally safe – non-toxic, non-hazardous, non-flammable



Brilliance® All Purpose Polish

Formulation	Description	Size
#8	Bottle supplied with attached sprayer and overcaps.	8 oz.
#32	Bottle supplied with a trigger spray with a foil liner.	32 oz.
Gallon	Gallon bottle that is heat-sealed and foam lined with a reusable cap.	Gallon



Permabond® Adhesives

Product No.	Description	Sizes
101	A low viscosity product useful in wicking or penetrating applications or bonding close fitting surfaces. It is fast setting and suitable for use on plastics, rubber and metal.	1 oz. 1 lb.
102	A medium viscosity, general-purpose product for metals, plastics and rubber.	
105	Specifically designed for bonding natural rubber, latex, rubber and hard to bond plastics (Delrin, plasticized vinyl). This viscosity allows some working action. Setting speed is extremely fast.	
200	Used in wire tacking and other applications where it is important that the adhesives stay in place. However, the viscosity of 1,500 CP still allows ESA or dispensing. This product is intermediate in gap-filling capability.	
910	Provides high strength on metals. Resists temperatures up to 88°C (190°F) long term, and as high as 150°C (300°F) for a few hours it will also bond plastics and rubbers. Fast setting and medium viscosity features make 910 suitable in many industrial applications.	
910FS	A low viscosity version of 910 that allows wicking into pre-assembled parts. It is fastest setting methyl cyanoacrylate.	



Total Plastics offers an extensive range of Permabond® cyanoacrylate (instant) adhesives. Permabond®'s adhesives are approved for use in a wide variety of industries including aerospace, automotive, medical device manufacture, defense (Mil-Spec), plumbing & sprinkler systems, oil & gas, electronics, plus many other diverse applications.

Permabond® Cyanoacrylate (Instant) Adhesives

Permabond® cyanoacrylate adhesives are single components, 100% solid adhesive which bond almost all close fitting surfaces in seconds. They cure at room temperature and bond metal, plastics, ceramics, elastomers and wood to each other and to themselves. The adhesives contain no solvents and are resistant to most chemicals and a broad range of temperatures. Applications may be directly from dispenser, tipped bottles or from automatic dispensing equipment. They set in seconds and develop full cure strength within hours.



Disposable White Shop Towels

A lint-free, washable, disposable material.

Note: Always use a non-paper cloth to clean your plastics.

Total Plastics carries a wide range of adhesives, sealants, cleaners and solvents. Call us if you don't see the product or size you need.

Chemgrip® Bonding Kit: A kit containing sodium etchant and epoxy adhesive for "on the job" bonding of TFE and other fluoropolymers. Each kit can etch and bond 2 to 4 square feet.

Chemgrip® Cement: A specifically formulated epoxy adhesive that will bond treated TFE to all common materials (wood, metal, glass, ceramics, etc.) One pint offers 80 square feet of coverage.

Chemgrip® Treating Agent: A high flash point etching solution for treating TFE and other fluoropolymers to make their surfaces bondable using conventional adhesives. One pint can etch 50 feet.

Epoxy Adhesive Kit: A kit consisting of two components, epoxy resin and hardener.
Note: For use with Strongwell® Fiberglass products on pages 24 through 28.

H 94 Monomer Type Adhesive: Clear, quick setting monomer type solvent adhesive for vinyl to vinyl.

PolyKleen: Non-abrasive cleaner, removes grease, marker, paint, etc. from polycarbonate.

Rez-N-Bond: Clear solvent for bonding acrylic to acrylic and styrene to styrene. Fast setting, non-flammable and non-corrosive. 

Rez-N-Clean: Liquid cleaner to remove masking tape and other foreign matter from acrylic.

Rez-N-Polish: Effective in cleaning all plastic surfaces.

VC2: Clear, thick bodied adhesive. Slow setting, bonding vinyl to vinyl.

VCI: Clear, thin solvent. Fast drying solvent adhesive for vinyl to vinyl.