

2017

REPAIR INNOVATION

*A Complete Line of Plastic Repair
and Refinishing Products*



Polyvance
ADVANCING POLYMER REPAIR

6085 NITRO FUZER

The 6085 Nitro Fuzer is a technologically advanced plastic welder capable of welding virtually any type of plastic. The system is a high-quality, hot air plastic welder with automatic controls for the nitrogen welding gas. The flow gauge, precision regulators, and digital temperature controllers allow for precise and consistent welds. A pressure sensing switch shuts off the power to the heating element if the air pressure drops too low, reducing the likelihood of accidentally overheating the welder. The unit is also equipped with an airless welder for repairing thermoset urethane and for smoothing welds. With the Nitro Fuzer, it's never been easier to make high-quality plastic welds.

Electrical: 120V/60Hz - 750 Watts (550W hot air / 200W airless)



Kit Contents for 6059

- 6085 Nitro Fuzer Nitrogen Welder
- 6012 200 Watt Ceramic Core Airless Welder
- * Welding Tips for both Welders / Welding Rod Assortment / Instructional DVDs / Holster for both Hot Air & Airless Welders

6080 E-Z WELD 4.0 WELDER

The E-Z Weld Model 4.0 Hot Air Welder is an efficient, high-quality tool for making strong, quick and cost-effective repairs on all types of thermoplastics. It has all the same features and benefits as the 6085 Nitro Fuzer, but does not have dual air supply capability because it is intended to be used in conjunction with the 6066 Nitro Pro Nitrogen Generator or as a stand-alone welder using compressed air. The E-Z Weld 4.0 has a precision, creep-free regulator, sturdy metal control box and a stout welder holster. The 550W element allows welding a temperatures up to 1060°F.



- Kit Contents for 6080
- 6080 E-Z Weld 4.0 Welder
- * Same as 6085



6066 NITROCELL NITROGEN GENERATOR

The 6066 Nitrocell Nitrogen Generator produces 98-99% pure nitrogen for welding plastics. The generator is designed to fit on the welding cart and replaces the nitrogen bottle. The nitrogen produced can also be used for filling tires and other shop uses requiring nitrogen.

6061 NITROGEN WELDING SYSTEM COVER

Heavy duty vinyl cover for any of the nitrogen welding cart systems.



6071 BUMPERSMITH 2.0

The 6071 Bumpersmith 2.0 offers a unique combination of capabilities in one unit. It is a nitrogen plastic welding system combined with a clever bumper workstation which allows the technician to conveniently hold a bumper or headlight on top of the welder for repair work. The nitrogen welder features a switch in the handle to conserve bottled nitrogen gas; actuated by the palm of the technician's hand, the welder only flows nitrogen gas when needed.

The Bumpersmith 2.0 folds out to hold any size bumper. The bumper pads are notched allowing for the bumper to be held down easily with the included bungee cords. When finished, the bumper pads and supports store on the sides of the welder for compact storage.



800.633.3047

6085-C NITRO FUZER WELDING SYSTEM

Polyvance's 6085-C Nitrogen Welding System is the latest advancement in nitrogen plastic welding technology. Not only does the system include virtually everything a shop needs to make the highest quality welds to plastic parts, but the welder is loaded with new features designed to make nitrogen welding simple, safer, and easily repeatable. (See 6085 welder for more details). Out of the box, the system is ready to use with minimal set-up. Simply connect a nitrogen tank and compressed air supply, then plug it in and begin making top quality nitrogen welds. Nitrogen acts like a shielding gas, preventing oxidation and creating a much stronger weld. Because everything is contained on one cart, searching for the right tools and supplies is simple; it saves time and money!

CONTENTS

- 6085 Nitro Fuzer
- 6056-07 Nitrogen Bottle Regulator
- 7002 Fully Assembled Heavy Duty Welding Cart
- 6145 Hand Seamer
- Large assortment of welding rod

BENEFITS

- Complete nitrogen and airless plastic welding systems in one package.
- Generous quantities of various welding rods.
- The Smart Holster automatically switches nitrogen on and off for welding.
- Fully assembled welding cart.
- Storage compartments for tools and welding rod.
- Built-in holders for heating elements, welder controls and tools.
- Integral power strip for easy operation.
- Air manifold with auxiliary outlet for attachment of air tools.
- Increase profits by producing the highest quality plastic repairs.
- No more wasted time looking for plastic welding supplies.
- Inventory of supplies is simplified.
- Mobility of the cart allows the technician to bring the welder to the part, rather than the part to the welder.



6080-CG

The 6080 E-Z Weld 4.0 packaged with the 6066 Nitro Pro Nitrogen Generator, a cart, and the same kit contents as the 6085-C welding system.

6203 HOT SPOT STAPLER FOR PLASTIC REPAIR

Polyvance's 6203 Hot Spot Cordless Plastic Stapler defines plastic reinforcement simplicity. The Hot Spot Stapler is perfect for holding torn plastic together and broken tabs in position while making weld repairs. With the included specialty staples, you will be able to strengthen virtually any type of thermoplastic repair. Battery lasts up to 700 times before recharging. Features multi-position staple contacts, LED light for illuminating tight spaces, single button operation, and a one year limited warranty.

Kit includes:

- Hot Spot Stapler
- (20) 6211 0.6 mm flat staples
- (20) 6212 0.6 mm wave staples
- (20) 6213 0.8 mm inside corner staples
- (20) 6214 0.8 mm flat staples
- (20) 6215 0.8 mm wave staples
- (20) 6216 0.8 mm outside corner staples
- (20) 6217 0.8 mm slot staples
- (1) Storage Box



6075 BUMPER MATE 2 BUMPER WORKSTATION

The 6075 Bumper Mate 2 work table is the perfect accessory to the nitrogen welding system. It's compact, portable and uses any scissor stand* as the base. The Bumper Mate perfectly holds bumpers and headlights in any position needed to give easy access to the most difficult areas. The removable extension arms hold the most awkward bumpers easily. Comes with 2 clamps - not shown. (*Scissor stand not included)



5700HT MINI-WELD MODEL 7 AIRLESS PLASTIC WELDER

The Mini-Weld Model 7 Airless Plastic Welder is ideal for making quality repairs to virtually any type of plastic. The Model 7 is a highly portable, variable temperature, ceramic core welder that is perfectly suited to the active repair shop environment. With 200 watts of power, this is the fastest welding and longest lasting airless plastic welder made.

Kit Contents for 5700HT

R01-01-03-NT	Polyurethane Rod	15ft.	R05-01-03-GY	TPO Rod	15ft.
R02-01-03-BK	Polypropylene Rod	15ft.	R06-01-03-NT	Nylon Rod	15ft.
R03-01-03-WH	ABS Rod	15ft.	R07-01-03-NT	Polycarbonate Rod	4ft.
R04-01-03-NT	Polyethylene Rod	15ft.	R10-04-03-BK	FiberFlex Flat Sticks	15ft.
6012	200W Welding Element	1	2045W	Reinforcing Wire Mesh	1
6027HT	Standard Welding Tip	1	6124WB	Stainless Wire Brush	1
6031	Tear Drop Welding Tip	1	DVD-01	Instructional DVD	1
	Welding Stand	1			



5700HT 230V - 230 volt version of the Model 7 welder. CE approved for sale in the European Union.

5700HT Mini-Weld Model 7 Specifications

Weight	5.8 lb. (2.6 kg) - 5700HT / 6.0 lb. (2.7 kg) - 5700HT 230V CE
Electrical	110-120VAC/60 Hz - 5700HT / 220-240VAC/50 Hz - 5700HT 230V CE

6055 STEINEL LCD HOT AIR WELDER

This simple hot air welder features variable fan speed and temperature control. Displays temperature on a small LCD. Includes a reduction nozzle, speed tip and a rugged carrying case. 1500W, 120°F - 1100°F.

Kit Contents for 6055

R02-01-03-BK	Polypropylene Rod	15 ft.	R06-01-03-NT	Nylon Rod	15 ft.
R03-01-03-WH	ABS Rod	15 ft.	R07-01-03-NT	Polycarbonate Rod	4 ft.
R04-01-03-NT	Polyethylene Rod	15 ft.	6055-NOZ	Reduction Nozzle	1
R02-03-03-BK	Polypropylene 3/4" Ribbon	15 ft.	6055-TIP	Speed Tip	1
R05-01-03-GY	TPO Rod	15 ft.		Storage Case	1



SPECIALTY WELDING KITS

- ATVPRO ATV Fender Welder, Pro Model - Includes a sheet of 2045W stainless steel mesh, 6027 welding tip, a 200 watt element and 30 ft. natural LDPE, HDPE or PP rod. 1/8" diameter rod includes a 200W element, 6031 tear drop tip, 10ft LDPE or HDPE sticks and a sheet of 2045W stainless steel mesh. Additional colors available on the website.
- ATVPRO 230V 230V Euro version of the ATVPRO. CE approved.
- KCWPRO Kayak & Canoe Welder, Pro Model - Includes a 200W element and 10 ft. LDPE or HDPE sticks.
- KCWPRO 230V 230V Euro version of the KCWPRO. CE approved.
- 5210 FiberFlex Repair Kit - Fix TPO and PP bumpers with this kit. Includes a 200W element, 6031 tear drop tip, 15 ft. of FiberFlex flat sticks and stainless steel reinforcing mesh.
- 5210 230V 230V Euro version of the 5210. CE approved.
- 5211 PolyPro Welder - Repair cracked bumpers, fuel tanks, and other polypropylene parts. Includes a 200W element, 15 ft. of natural or black polypropylene rod, 6027HT tip, and 2045W stainless steel mesh.
- 5211 230V 230V Euro version of the 5211. CE approved.
- 5212 RADIator Welder - Repair cracked radiators, intake manifolds, and other nylon parts. Includes a 200W element, 6027HT welding tip, 2045W stainless steel reinforcing mesh and 15 ft. of nylon welding rod.
- 5212 230V 230V Euro version of the 5212. CE approved.



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AIRLESS REPLACEMENT ELEMENTS

- 5500-C Retro Fit Kit - For making 6012 compatible with Model 3,4 and 5 welders.
- 6012 200 Watt 120V Ceramic Core Replacement Element Assembly (For MiniWeld Model 6 or 7).
- 6012-P Same as 6012 with USA plug.
- 6012-240 200 Watt 240V Ceramic Core Replacement Element Assembly (For MiniWeld Model 6 or 7 EUR and Model 6 or 7 AUS).
- 6012-EUR 200 Watt 240V Ceramic Core Element Assembly with European Schuko plug.
- 6012-AUS Same as 6012 with Australian plug.
- 6012C 200 Watt 120V Replacement Ceramic Core for 6012 and 6012-P.
- 6012C-240 200 Watt 240V Replacement Ceramic Core for 6012-EUR and 6012-AUS.



6012 6012-240 6012-P 6012-EUR 6012-AUS



AIRLESS WELDER PARTS

- 6027HT Tube Welding Tip, 1/8" 1/8" dia. hole, use with 1/8" diameter round rods
- 6029 Bigfoot Welding Tip, 1/8" Tip Same as 6027HT except larger foot
- 6030 Tube Welding Tip, 3/16" Tip 3/16" dia. hole, use with 3/16" dia. round rod
- 6031 Teardrop Welding Tip Flat tip that fits into corners
- 6020 Temperature Control Switch For all model 6 and 7 welders

For the standard 1/8" diameter welding rods, choose the 6027HT or the 6029. If you're using flat sticks, choose the 6031. For 3/16" diameter round rod, use the 6030 Speed Tip. Tips thread into all of Polyvance's airless heating elements. Made in USA.



WELDING ACCESSORIES

- 2045W Wire mesh - one 10" x 5" piece (50 sq. in.)
- 2045-10 Wire mesh - ten 10" x 5" pieces (500 sq. in.)
- 2045-100 Wire mesh - one hundred 10" x 5" pieces (5,000 sq. in.)
- 6124WB Stainless Steel Wire Brush - cleans welder tips
- 6481-1 1" Wide Aluminum Tape - 180 ft. long
- 6482 2" Wide Aluminum Tape - 1.5 mil thick - 10 yards
- 6485 2" Wide Aluminum Tape - 180 ft. long
- 6140 Tip Cleaning Brush - 1/8" diameter, for 6027HT and 6029 tips
- 6141 Tip Cleaning Brush - 3/16" diameter, for 6030 tip



HOT AIR REPLACEMENT PARTS

- 6050-NR1 Hot Air All Purpose Tip
- 6062ME Metal Hot Air Replacement Element
- 6100HW Hose & Wiring Assembly For 6053 and earlier hot air welders.
- 6101 Hose & Wiring Assembly For 6057 through 6085 hot air welders.
- 6150H Handle & Socket Assembly



For other hot air welder replacement and repair parts, go to www.polyvance.com



PART#	R02 ↓ Material	01 ↓ Rod Profile	03 ↓ Package Size/Qty	BK ↓ Color
R01	Urethane	01  1/8"	01 5 ft.	BK Black
R02	Polypropylene	02  3/16"	03 30 ft.	BL Blue
R03	ABS	03  7/16" x 1/16"	04 1 lb.	GY Gray
R04	Polyethylene	04  3/8" x 1/16"	05 Small spool	GN Green
R05	TPO	05  5/8" x 1/16"	06 1/2 lb.	NT Natural*
R06	Nylon	06  1/2" x 3/32"	08 Bulk*	OR Orange
R07	Polycarbonate	07  13/64" x 1/16"		RD Red
R09	PVC	08  1/4" x 1/16"		TN Tan
R10	Fiberflex			WH White
R12	HDPE			YL Yellow
R13	PET			
R14	ASA			
R15	GTX			

* Not all rod types are available in all profiles.

* Sold by the pound. (10 lb. minimum)

* No pigment added.



R01 - POLYURETHANE ROD

●	R01	01	03 05	NT
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R02 - POLYPROPYLENE ROD & RIBBON

●	R02	01	03 04	BK BL GN NT OR RD TN YL	—	R02	04	01 03 04	BK BL GN NT OR RD TN YL
●	R02	02	03 04	BK NT	—	R02	05	03 04	BK NT
◐	R02	03	03 04	BK NT	—	R02	06	03 04	BK NT
					—	R02	07	03 04	NT BK
					—	R02	08	03 04	NT BK



R03 - ABS ROD

●	R03	01	03 04	BK WH	—	R03	04	03 04	WH
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R04 - POLYETHYLENE ROD

●	R04	01	03 04	BK BL GN NT OR RD TN YL	●	R04	02	03 04	NT BK
					—	R04	04	01 03 04	BK BL GN NT OR RD TN YL



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R05 - TPO ROD

●	R05	01	03 04	GY	—	R05	04	03 04	GY
					—	R05	05	03 04	GY



R06 - NYLON ROD

●	R06	01	03	NT	—	R06	04	03 04	NT
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R07 - POLYCARBONATE ROD

●	R07	01	03 04	NT	—	R07	04	03 04	NT
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R09 - PVC ROD

●	R09	01	03 04	GY
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R10 - FIBERFLEX ROD

●	R10	02	03 04	BK	—	R10	04	03 04	BK
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R12 - HDPE ROD

●	R12	01	03 04	BK BL GN NT OR RD TN YL	—	R12	04	01 03 04	BK BL GN NT OR RD TN YL
					—	R12	05	03 04	NT



R13 - PET ROD

●	R13	01	03 04	NT
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R14 - ASA ROD

●	R14	01	03 04	WH
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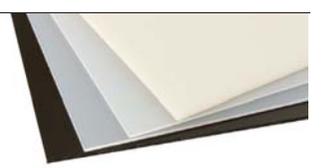
R15 - GTX ROD (PA/PPE)

●	R15	01	03 04	BK	—	R15	04	03 04	BK
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5010 SHEETS

—	5010-1	12" x 12" x 1/8" sheet	Polypropylene	Black
—	5010-2	10" x 10" x 3/32" sheet	Polypropylene	Natural
—	5010-3	12" x 12" x 1/16" sheet	Polypropylene	Natural
—	5010-4	12" x 12" x 3/16" sheet	LDPE	Natural



BUMPER & CLADDING COAT ADHESION PRIMER

Bumper & Cladding Coat Adhesion Primer is an advanced, solvent-based coating designed to help your automotive base-clear topcoat system stick to unprimed TPO plastic bumpers. Bumper & Cladding Coat Adhesion Primer sticks tenaciously to unsanded, unscuffed raw TPO plastic. Once the Adhesion Primer is dry, it can be topcoated with most base-clear systems without sanding or scuffing. (6.3 lb./gal VOC, compliant with EPA National Rule)



3601-1	Light Gray, gallon
3601-4	Light Gray, quart
3601-A	Light Gray, 11 oz. aerosol
3602-1	Dark Gray, gallon
3602-4	Dark Gray, quart
3602-A	Dark Gray, 11 oz. aerosol
3604-1	White, gallon
3604-4	White, quart
3604-A	White, 11 oz. aerosol

BENEFITS

- Sticks to smooth or textured TPO plastics. Ideal for easy refinishing of new, unprimed OEM replacement bumpers from Toyota, Nissan, Kia, Subaru, etc.
- No sweat! Quit “sweating” your bumpers in the paint booth. No need to clean, sweat, re-clean, and so on.
- Sticks to TPO plastic without sanding or scuffing. Just clean the bumper with our 1000 Super Prep or 1001 zero VOC EcoPrep plastic cleaner and shoot the Adhesion Primer on.
- Simple, ready-to-spray 1K formulation means there’s no waste. What you don’t use, pour back into the can!
- Compatible with most urethane and polyester base-clear topcoat systems.

BUMPER & CLADDING COAT ADHESION PRIMER - LOW VOC



LOW VOC

3611-1	Light Gray, gallon	3611-4	Light Gray, quart	3611-A	Light Gray, 11 oz. aerosol
3612-1	Dark Gray, gallon	3612-4	Dark Gray, quart	3612-A	Dark Gray, 11 oz. aerosol
3613-1	White, gallon	3613-4	White, quart	3613-A	White, 11 oz. aerosol

Bumper & Cladding Coat Adhesion Primer is an advanced, low-VOC, solvent-based, non-sandable primer that is designed to stick to “problem plastics” like TEO, TPO and PP without sanding or pretreatment. Bumper and Cladding Coat Primer may be topcoated with most solvent, waterborne base/clear topcoat and single stage systems without sanding. The low VOC formula, sprays smoother and has improved topcoat compatibility over the original formula, plus there is no close on the window for topcoating. The low VOCs mean it’s legal in all 50 states and Canada (2.09 lbs./gal. VOC) (For the most up to date compatibility chart, visit www.polyvance.com.)

BENEFITS

- Sticks to smooth or textured TPO, TEO and Polypropylene plastics.
- Ideal for easy refinishing of new, unprimed OEM replacement bumpers.
- Quit “sweating” your bumpers in the paint booth. No need to clean, sand, sweat, re-clean, and so on.
- Sticks to TPO, TEO and PP plastic without sanding or scuffing. Just clean the bumper with our 1000 Super Prep or 1001 zero VOC EcoPrep plastic cleaner then spray the Bumper & Cladding Adhesion Primer on!
- Simple, ready-to-spray, 1K formulation means there’s no waste. What you don’t use, pour back into the can!
- Compatible with all urethane and polyester-based, base-clear topcoat systems and most 2K products as well. Bumper Cladding Adhesion Primer does not have to be scuffed or sanded prior to topcoating, and it may be topcoated at any time after application.

800.633.3047

BUMPER & CLADDING HIGH BUILD ADHESION PRIMER

Bumper & Cladding Coat High-Build Adhesion Primer is an advanced, low-VOC, solvent-based, high-build, sandable primer-surfacer that is designed to stick directly to “problem plastics” like TEO, TPO and PP without sanding or pretreating the substrate. Bumper and Cladding Coat Primer may be topcoated with most solvent and waterborne base/clear topcoat systems.

- 3621-1 Light Gray, gallon
- 3621-4 Light Gray, quart



BUMPER & CLADDING COLOR COAT

Low VOC Bumper & Cladding Color Coat packaged aerosol cans, makes it easy for mobile technicians, detailers, and Do-It-Yourselfers to permanently recolor automotive bumpers and trim. One can will cover approximately two average size bumpers. Available in black only.

Bumper & Cladding Coat is designed to stick without sanding or pretreatment to Polypropylene and TPO plastic. Simply clean first with 1000 Super Prep Plastic Cleaner, then spray on Bumper and Cladding Color Coat. It will not peel, fade, or wash off of the trim plastic found on many of today’s cars, trucks, and SUVs.

3718-A Honda Black - Aerosol only available in black



Polyvance’s Bumper & Cladding Color Coat is an advanced VOC compliant, solvent-based coating designed to permanently recolor the molded-in-color plastic bumpers, side cladding and trim found on many of today’s cars, trucks and SUVs. (2.79 lb./gal VOC, compliant with SCAQMD Rule 1151)

BENEFITS

Permanently recolor faded, scuffed, marred, discolored, or damaged plastic bumpers, side cladding, and trim.

Sticks to plastic without sanding. No adhesion promoter or primer required. Just clean the bumper and shoot!

Sticks like glue! A pressure washer can’t blast it off! We even guarantee it to stick on properly-prepared, raw TPO.

It’s economical. One quart of Bumper & Cladding Color Coat is enough to cover both bumpers and all the side cladding on two Jeep Grand Cherokee Laredoes.

Gallon Toners

3701-1 Black
3702-1 White

Quart Toners

3701-4 Black
3702-4 White

Use with 1000 Super Prep or 1001 zero VOC EcoPrep plastic cleaner.



LOW VOC



ALL SEASONS WATERBORNE SEALER



LOW VOC

3050-1	Flexible Waterborne Sealer, white	1 gal. can
3050-4	Flexible Waterborne Sealer, white	1 qt. can
3051-1	Flexible Waterborne Sealer, gray	1 gal. can
3051-4	Flexible Waterborne Sealer, gray	1 qt. can
3052-1	Flexible Waterborne Sealer, black	1 gal. can
3052-4	Flexible Waterborne Sealer, black	1 qt. can

3050 Series ALL SEASONS Sealer is a fast-drying, freeze-tolerant sealer formulated to change the chroma of new, primed OEM and aftermarket plastic bumpers for better topcoat hide. May also be used over raw PUR bumpers as a primer/sealer. ALL SEASONS Sealer provides a durable barrier coat over questionable waterborne primers used on aftermarket bumpers. ALL SEASONS Sealer has very good water and solvent resistance out of the can, but may be catalyzed with 3104 crosslinker for ultimate performance. ALL SEASONS sealers may be intermixed to obtain a shade suitable for the top-coat color being applied. Compatible with all topcoat systems. Meets all current VOC regulations.

LIGHT GRAY ALL SEASONS EZ-SAND



LOW VOC

3041-5	E-Z Sand Light Gray Primer Surfacer	5 gal. pail
3041-1	E-Z Sand Light Gray Primer Surfacer	1 gal. can
3041-4	E-Z Sand Light Gray Primer Surfacer	1 qt. can

Polyvance's ALL SEASONS EZ-Sand is a waterborne primer surfacer for use on repaired plastic bumpers and metal panels. The high-build formula hides 180 grit scratches in one pass and is compatible with all automotive topcoat systems. ALL SEASONS EZ-Sand is 1K and ready to spray out of the can, so it's easy to use and totally eliminates wasted paint. ALL SEASONS EZ-Sand has super-low VOCs, so it's safer for your technicians and it's better for the environment.

ALL SEASONS BLACK JACK



LOW VOC

3043-5	Black Jack Waterborne Primer Surfacer, black	5 gal. pail
3043-1	Black Jack Waterborne Primer Surfacer, black	1 gal. can
3043-4	Black Jack Waterborne Primer Surfacer, black	1 qt. can

3043 BLACK JACK is an easy-to-sand, fast-drying, freeze-tolerant, medium-sheen, high-build waterborne primer surfacer formulated to fill imperfections in repaired plastic bumpers quickly and dry to an OEM-like satin finish. Black Jack may be catalyzed with 3104, but even uncatalyzed it exceeds competitive catalyzed waterborne primers' durability, water & solvent resistance.



800.633.3047

CATALYST FOR WATERBORNE PRIMERS

3104-G	1 gal. can catalyst
3104-16	16 oz. bottle catalyst
3104-4	4 oz. bottle catalyst
3104-1	1 oz. bottle catalyst

3104 Catalyst may be added 5% by weight to any of our waterborne primers to greatly improve solvent and water resistance. HMIS health: 1



FLEXTEX VT TEXTURE MATERIAL

3803-1	1 gallon can	3804-1	1 gallon can
3803-4	1 quart can	3804-4	1 quart can
		3804R-4	Low VOC Reducer - 1 quart can

Flextex VT is a tough, durable, variable-texture material formulated to simulate textured automotive plastics and metal. It can be used over or under most finishes and may be top-coated with Bumper and Cladding Coat paint, base/clear or single stage systems. Flextex VT has excellent durability and may be used as the finish coat where black texture is required. The texture may be varied from fine to coarse by adjusting the viscosity, paint volume, air pressure, distance, and speed of the pass. Solvent based, check local laws for VOC compliance. (5.95 lb./gal. VOC)

Flextex VT Low VOC has all the same great features as Flextex VT, but with 50 state VOC compliance. (2.74 lb./gal. VOC)



course

medium

fine

MICROTEX CATALYZED WATERBORNE TEXTURE MATERIAL

3802-1	1 gallon can
3802-4	1 quart can

Microtex texture material is a waterborne texture material formulated to produce a repeatable pebble textured appearance, time and time again. Rather than using an atomized resin to produce the texture, the texture comes from suspended microscopic particles that resist settling and flow easily through HVLP spray guns. Because the texture does not rely heavily on gun settings, it's easy to get repeatable results. The texture appearance can be varied by the amount of coverage. Light coats produce a sandy appearance, heavy coats produce a smooth fine pebble grain. May be catalyzed with 3104 for improved durability. This product can be topcoated with any paint system and meets all current VOC requirements. Freeze-thaw stable. (1.52 lb./gal. VOC)



LOW VOC

CLEANING PRODUCTS



Super Prep Plastic Cleaner

- 1000-1 1 gal. can
- 1000-4 1 qt. can
- 1000-A 19 fl. oz. aerosol

Before doing any sort of plastic repair, use Super Prep plastic cleaner to maximize its durability. Super Prep removes mold release agents, wax, grease, silicone, tar, undercoating, bugs, sealers and other contaminants from painted or unpainted plastic or metal surfaces.



EcoPrep Plastic Cleaner

- 1001-4 1 qt. bottle with sprayer

EcoPrep is a unique blend of surfactants formulated to remove mold release agents, wax, grease, silicone, tar, and other contaminants from plastic and metal surfaces. It leaves the surface clean and ready for the next step in the painting or repair process. With 0 g/L VOCs, EcoPrep can be safely used in stringent air quality managed regions. It's a more environmentally friendly substitute for Super Prep Plastic Cleaner without sacrificing performance.

NO VOC



Scuff Magic Plastic Prep Soap

- 1020 24 fl. oz. (700 mL) tub

Scuff Magic Plastic Prep Soap helps you get the surface squeaky clean before you proceed with repair or refinishing operations. Scuff Magic contains a fine abrasive to further improve adhesion.

NO VOC

PLASTIC MAGIC ADHESION PROMOTER



- 1050-1 1 gal. can
- 1050-4 1 qt. can
- 1050-A 19 fl. oz. aerosol

Plastic Magic works like magic to eliminate the paint peeling problems on automotive plastics. There is no need to identify the type of plastic. Plastic Magic works on TPO and all other problem plastic inside or outside the vehicle.

LOW VOC PLASTIC MAGIC ADHESION PROMOTER



- 1051-1 1 gal. can
- 1051-4 1 qt. can

Low VOC Plastic Magic works like magic to eliminate paint peeling problems on automotive plastics. It is used in the same way as regular Plastic Magic, making the switch to the low VOC version easy. Low VOC plastic Magic works on TPO, polypropylene and all other automotive plastics by making the substrate more receptive to adhesion so paint will stick. Just because its low VOC, doesn't mean it sacrifices performance. Low VOC Plastic Magic works great, just like the original!

LOW VOC

FILLER PREP ADHESION PROMOTER

1060FP 4 fl. oz.

Filler Prep adhesion promoter helps filler stick to plastic. It's necessary when applying fillers to TPO and polypropylene parts, like most late model bumper covers. Each can has a brush on the lid and is ready to use.



FLEX FILLER 2 EPOXY ADHESIVE-FILLER

- 2000-T 10 fl. oz. squeeze tube kit (two 5 fl. oz. tubes)
- 2000-C 20 fl. oz. cartridge kit (two 10 fl. oz. cartridges)
- 2000-1 2 gallon kit (two 1-gallon cans)
- 2000-2 4 gallon kit (two 2-gallon tubs)
- 2046 Valve body for 2 gallon tubs
- 2047 Slide gate for 2 gallon valve
- 6301 Dispenser for 2000-2 and fillers

This flexible filler can be used to repair both OEM and aftermarket flexible plastic parts. This repair material works on almost any flexible plastic substrate. Flex Filler 2 will feather nicely in 15 minutes and can be primed and painted over in 30-45 minutes after application at room temperature. Gray in color. Allow more cure time and use 1060 Filler Prep on TPO or PP substrates.



SMC HARDSET EPOXY ADHESIVE-FILLER

2020-T 10 fl. oz. squeeze tube kit (two 5 fl. oz. tubes)

The SMC Hardset Filler is a two-part epoxy system that is very rigid when fully cured. It works on SMC, fiberglass, polycarbonate, and any other repair application that requires a rigid, high-impact resistant repair material. It has a working time of 3-4 minutes and will sand in 15 minutes. Gray in color.



POLYESTER FILLERS

1047 Putty Flex

Putty Flex is an easy-sanding, flexible polyester glaze perfect for filling minor imperfections on semi-rigid PP and TPO bumpers. Compared with other popular brands, Putty Flex meets or beats the competition in adhesion, sandability and ease of use. On difficult plastics like TPO and PP, it feathers extremely well when used with 1050 Plastic Magic Adhesion Promoter. Putty Flex can also be used on hard plastics and metal parts with no special treatment. Includes cream hardener.



2050-9 Padded Dash Filler, 8 fl. oz. can
Catalyzed polyester glaze designed for filling gouges in padded dashboards.



PLASTIFIX KITS

- 2501 White Small Plastifix Kit
- 2503 Black Small Plastifix Kit
- 2504 Clear Small Plastifix Kit

PlastiFix is a revolutionary methacrylate monomer adhesive system that allows you to fill gaps and fabricate missing pieces. Repairs virtually any rigid plastic including ABS, PC, PVC, PA, PET, SMC, and fiberglass. Also works on wood, metal, or glass. Each kit includes 30 g of powder, 50 ml of liquid, one molding bar, two application needles, two applicator cups, and one transfer pipette.



2501 2503 2504

- 2502 Professional size PlastiFix kit

Ideal for the volume user, the Professional Size PlastiFix Kit includes 150 g of both black and white powder, 230 ml of liquid, three FlexMold molding bars, four application needles, two powder cups, two applicator bottles and one large liquid transfer pipette. All components come packaged in a convenient plastic carrying case.

*All components available separately



2502

- 2510 PlastiFix High Performance Adhesive

2510 PlastiFix High Performance Adhesive is a two-component, 100% reactive structural methacrylate adhesive specifically formulated for bonding thermoplastics, thermosets, metals, and composite assemblies.



- KEN T800 The "Kenworth T800 Hood Repair Kit" contains:
 One pair of aluminum hood pocket reinforcement plugs.
 One pair of steel reinforcement plates.
 PlastiFix High Performance Acrylic Adhesive
 All of the required nuts, bolts, rivets, washers, and screws.

T800



800.633.3047

TOOLS AND ACCESSORIES

2042-R Saturation Roller - Use to fully wet the fibers of the 2043-U Uni-Cloth fiberglass cloth when reinforcing epoxy repairs.

2043-U Uni-Cloth - Woven fiberglass cloth (9 sq. ft.) for reinforcing repairs on SMC and other rigid plastic using the 2020 SMC Hardset Filler.

6145 Hand Seamer - A quality general purpose tool used to flatten the edges of plastic welds while they are still hot. Useful in bumper repair.

6146 Polyvance's 6146 Bumper Pliers Kit makes it easier for technicians to repair rectangular "slot tabs" and recessed holes often found on bumper covers. These bumper features are designed to clip into brackets on the quarter panels and hold the bumper tightly in place. The tabs are weak and often break when removing the bumper. The Bumper Pliers Kit helps technicians repair these problem areas.

Slot tabs can be repaired using the nitrogen plastic welder, but without the aid of the Bumper Pliers Kit, the job requires much more skill and finesse. Additionally, technicians often have difficulty restoring the correct dimensions of the slot, which is critical for proper panel installation.

- Quickly and accurately repairs torn slots and recessed bolt holes in automotive bumpers.
- Increases shop profits by speeding difficult repairs.
- Includes 6 different slot tab dies, one recessed hole die, and four sets of die pliers to repair virtually any slot.

6147 The Work Bright Work Light from Polyvance is the perfect tool for putting light into dark, hard-to-reach work areas. Whether it's inside a plastic bumper or deep inside an engine compartment, the Work Bright Work Light provides the ideal amount of light.

The light kit includes an "A"-clamp style mount for clamping onto nonferrous materials and a strong magnetic mount for mounting to steel parts. The broad spectrum 9-LED work light uses (3) standard AAA batteries (not included).

- The flexible mounting brackets easily aim light into tight spaces where you need it most.
- Uses high-intensity, energy-efficient LEDs
- Sturdy clamp and strong magnet bases keeps the light solidly in place while you work.
- Because it's battery operated, there are no drop cords to get in your way.



CUTTING BURRS

6120 3/32" Straight Burr - 1/4" diameter shank.

6121-T Teardrop Cutter Bit - 1/8" diameter shank.

6122 Heavy Duty Round Burr - 1/4" diameter shank, carbide burr.

6123 1/8" Straight Burr W/End Cutters - 1/4" diameter shank.

6124 3/8" 90-deg V-Grooving Burr - 1/4" diameter shank.

6125 Heavy Duty Tapered Burr - 1/4" diameter shank, carbide burr.

6126 Tungsten Carbide Cutter, 1/8" dia. shank.

6134-R Round Cutter Bit - 1/8" diameter shank.

6135 Dremel 543 1-1/4 Carbide Cutting/Shaping Wheel.

6407-D Drum Sander, 1/8" dia. shank.

6408-B Replacement Sanding Bands



HEAT GUN

6500VT

Variable Temperature Heat Gun - Perfect for reshaping distorted plastic and preheating high-temp plastics like radiator tanks. Includes fan tip, heat shrink tubing tip and case.



INSTRUCTIONAL RESOURCES

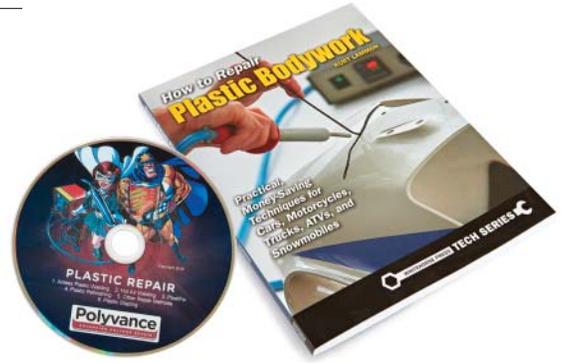
DVD-01 “The Video of Automotive Plastic Repair”

This professionally produced DVD shows how to do all kinds of plastic repair, including plastic welding, FiberFlex, PlastiFix, two-part repairs, and retexturing. Watch this DVD and you’ll have an unfair advantage over your competition!
*This DVD is included in the 5700HT plastic welding kit.

DVD-02 Nitrogen Welding DVD

BOOK “How to Repair Plastic Bodywork”

If you want all of the tricks, tips, and techniques of automotive and motorcycle plastic repair, buy this 144 page book. Covers plastic welding, two-part adhesive, Insta-Weld, and PlastiFix repair techniques in exhaustive detail. Also provides complete information regarding plastic refinishing. This is the bible of plastic repair and refinishing!



I-CAR CLASSES

PR-01 Intro to Nitrogen Plastic Welding I-CAR Industry Training Alliance Course

This three hour long, hands-on course, delivered live in your shop, is designed to train your technicians in the latest technology in plastic repair, nitrogen plastic welding.

At the end of this course, you will be able to do the following:

- Identify different plastic types
- Explain the basic nitrogen welding process
- Properly operate the plastic welder
- Weld a tear to the edge of the bumper
- Repair a torn slot tab
- Repair a torn flange
- Repair a torn flexible hinge tab
- Repair a thermoset polyurethane (PUR) bumper



This course is recognized under the I-CAR® Industry Training Alliance® program. Students who complete this approved training are eligible to apply for I-CAR credit hours and/or Knowledge Area recognition.

PR-02 2 Day Bumper Repair Class at the Polyvance Factory Includes everything in PR-01 plus dent repair, textured bumper repair, damage analysis and refinishing.



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