

# Subscription & Trial Unit Order Form • Product Listings

Subscribe FREE to *DEVELOPMENTS™* and order a Trial Unit with this form. The subscription is free, but you must fax or mail us the form below to be assured of receiving future issues.

To help you try our products, Polytek® will ship you Trial Units with free freight in the con-

tiguous 48 states at these special low introductory prices. Only one Trial Unit shipment of each product per customer. Subsequent orders are at list price. Directions and MSDS are sent with Trial Unit. A free *Manual & Catalog* is included with every Trial Unit shipment, if requested. This is a partial list; call for

other sizes or products. Other sizes of any product are available on a first-time trial basis at the lowest list price for that size, with free freight.

**Fax form to (610) 559-8626 or mail to:**  
Polytek® Development Corp., Issue No. 28  
55 Hilton Street, Easton, PA 18042

## Fill in information below to subscribe/order a Trial Unit.

I wish to receive a FREE subscription to *DEVELOPMENTS™*  
 Yes  No

Signature (required): \_\_\_\_\_

Today's Date (required): \_\_\_\_\_

Customer number from mailing label: \_\_\_\_\_

Is address on your label a home address?  Yes  No

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone: \_\_\_\_\_

Company: \_\_\_\_\_

Street Address: \_\_\_\_\_

Mail Address if different: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Does your company use liquid rubber or plastic now?  
 Yes  No

Please estimate how many pounds per year. \_\_\_\_\_  
 What kinds? \_\_\_\_\_

## Fill in information below to order a Trial Unit.

Please send me the Trial Units I've checked at these special low prices via UPS prepaid. (Other sizes of any product are available on a first-time trial basis at a special low price for that size, with free freight. Call for special prices.)

Purchase Order No.: \_\_\_\_\_

Phone: (\_\_\_\_\_) \_\_\_\_\_

Method of Payment:  
 Check  Money Order  
 Credit Card (AMEX/VISA/MC)

Card No.: \_\_\_\_\_

Exp. Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Comments or Questions: \_\_\_\_\_

Total Product Order: \$ \_\_\_\_\_

Accessories (free freight if shipped with a Trial Unit of greater value): \_\_\_\_\_

Total Accessories: \$ \_\_\_\_\_

Total Trial Units and Accessories: \$ \_\_\_\_\_

6% PA State Sales Tax for shipments to a PA address (unless State Tax Exemption Certificate is on file with us): \$ \_\_\_\_\_

Total Payment: TOTAL \$ \_\_\_\_\_

\* Poly-Optic® requires vacuum or pressure for clear castings. Prices subject to change without notice.

	Product Unit Size	Total Gal.	Mix Ratio (A:B by Weight)	Trial Prices
<b>SILICONE RTV MOLD RUBBERS—70 SERIES (TIN)</b>				
	TinSil® 70-10	9 lbs.	.98 1 10	\$83.00
	TinSil® 70-20	9 lbs.	.98 1 10	83.00
	TinSil® 70-25	9 lbs.	.98 1 10	83.00
	TinSil® 70-30	8.3 lbs.	.90 2 100	77.00
<b>SILICONE RTV MOLD RUBBERS—71 &amp; 73 SERIES (PLATINUM)</b>				
	PlatSil® 71-10	9 lbs.	.98 1 10	\$93.00
	PlatSil® 71-30	9 lbs.	.98 1 10	93.00
	PlatSil® 71-35	9 lbs.	.98 1 10	93.00
	New PlatSil® 71-40 (1:5)	9.7 lbs.	1.06 1 5	99.00
	PlatSil® 73-45	9 lbs.	.85 1 10	93.00
	PlatSil® 73-55	9 lbs.	.98 1 10	93.00
	PlatSil® Gel-10	2 lbs.	.24 1 1	26.00
	New PlatSil® 71-15	2 lbs.	.24 1 1	26.00
	PlatSil® 71-20	2 lbs.	.24 1 1	26.00
	PlatSil® 71-20	16 lbs.	1.9 1 1	170.00
	PlatSil® 71-20	16 lbs.	1.9 1 1	170.00
	PlatSil® 71-20	16 lbs.	1.9 1 1	170.00
<b>BRUSHABLE MOLD RUBBERS</b>				
	Polygel® 40	16 lbs.	1.87 1 1	\$82.00
	Polygel® 50	16 lbs.	1.87 1 1	82.00
	Poly Latex 60	8 lbs.	.96 — —	25.00
<b>POURABLE MOLD RUBBERS</b>				
	New Poly 72-40 MF	9.9 lbs.	.86 1 10	\$47.00
	Poly 74-29	4 lbs.	.46 1 1	25.00
	Poly 74-29	16 lbs.	1.86 1 1	69.00
	Poly 74-30	4 lbs.	.47 1 1	25.00
	Poly 74-30	16 lbs.	1.90 1 1	69.00
	Poly 74-40	6 lbs.	.71 2 1	34.00
	Poly 74-40	24 lbs.	2.84 2 1	106.00
	New Poly 74-45	4 lbs.	.46 1 1	25.00
	New Poly 74-45	16 lbs.	.86 1 1	69.00
	Poly 74-55	20 lbs.	2.37 4 1	98.00
	Poly 75-59	4 lbs.	.45 1 1	25.00
	Poly 75-60	16 lbs.	1.80 1 1	69.00
	Poly 75-60	4 lbs.	.45 1 1	25.00
	Poly 75-60	16 lbs.	1.80 1 1	69.00
	New Poly 75-70	4 lbs.	.45 1 1	25.00
	New Poly 75-70	16 lbs.	1.80 1 1	69.00
	Poly 75-80	6 lbs.	.67 2 1	34.00
	Poly 75-80	24 lbs.	2.68 2 1	106.00
	New Poly 74/75X	1 lb.	— — —	27.00
	Poly 76 Series			Call for pricing
<b>SPECIALTY MOLD MATERIALS</b>				
	Hydrogel® N	0.5 lb.	— — —	\$11.00
	Poly Latex False Face	8 lbs.	.90 — —	25.00
<b>POURABLE CASTING RESINS</b>				
	EasyFlo™ 60	3.8 lbs.	.44 1:1 by volume	\$21.00
	EasyFlo™ 60	15.2 lbs.	1.75 1:1 by volume	63.00
	New EasyFlo™ 120	3.8 lbs.	.44 1:1 by volume	21.00
	New EasyFlo™ 120	15.2 lbs.	1.75 1:1 by volume	63.00
	Poly 15-3X	20 lbs.	1.56 1 1	52.00
	Poly 15-6	16 lbs.	1.77 1 1	66.00
	Poly 15-8	12.1 lbs.	.92 26 100	58.00
	Poly 1510	16 lbs.	1.77 1 1	66.00
	Poly 1512	16 lbs.	1.87 1 1	82.00
	New Poly 1512 Clear	16 lbs.	1.87 1 1	82.00
	New Poly 1512X	16 lbs.	1.87 1 1	82.00
	Poly-Optic® 1410*	10 lbs.	1.12 3 2	89.00
	Poly-Optic® 1420*	6 lbs.	.70 2 1	60.00
	Poly-Optic® 14-70*	14.4 lbs.	1.62 4 5	103.00
	Poly-Optic® 14R	1 lb.	— — —	8.00
	PolyFoam™ R-8	16 lbs.	1.75 1 1	66.00

50 can be applied about 1/4-inch thick, while Polygel® 40 is thinner for best detail penetration. A mold can be made in an afternoon and cured overnight. New Polygel® Quick-Spray 50 offers a rapid cure for large spray applications.

## Poly 74 & 75 Series Poly Urethanes Our Most Popular Mold Rubbers

Hardnesses range from Shore A-30 to A-80. Poly 74-30 is our most versatile rubber. Easy 1:1 mix, widely used by foundries for waxes. Can be poured as supplied or thickened and brushed on. Long working time, very fluid. Excellent for plaster and limited castings of resins and cement as well. Poly 74-29 is a tougher version; Poly 74-40 is firmer. New Poly 74-45 is stretchy with a high tear. Widely used for dimensionally stable plaster castings. No plaster buildup. Poly 74-55 is firmer for the same uses. Poly 75-60 and Poly 75-59 are firm 1:1 mix products widely used for concrete and plaster castings. Fast-setting, they can often be demolded within hours. New Poly 75-70 is 1:1 with high elongation, excellent tear, and long working time. Poly 75-75 and Poly 75-80 are very stiff rubbers with excellent toughness for molds, forms, and parts.

**New Poly 72-40 MF Mold Rubber**  
 Hardness can be varied by using Part C. Can be thickened for brush-on molds with Cab-O-Sil® or Part D.

**Hydrogel® N**  
 A powder that mixes to a creamy consistency with water, sets in minutes to a rubbery gel that yields excellent mold impressions if plaster or wax is cast right after demolding. Safe for body contact.

**Poly Latex 60 & False Face**  
 Poly Latex 60 is a one-part, thickened, natural latex for brush-on molds that is high strength and durable. Poly Latex N is a thin version. False Face Compound is used for novelty masks, flexible sculpture, and animatronic applications.

**Poly Urethane Liquid Plastics**  
**Poly 15 Series Resins, Poly LiteCast™, and New EasyFlo™ 120**  
 Easy to use, 1:1 mix, odorless, Poly Urethane (PUR) resins cure to a tan, white, or clear amber plastic in several hours or in a few minutes. New EasyFlo™ 120 and EasyFlo™ 60 are 1:1 by volume, super-low-viscosity, fast-casting plastics; great for bubble-free parts. Use Poly 15-6 with fiberglass mat or Poly Fiber to build strong, light mold shells. Poly 15-3, highly filled with a safe, non-silica filler, is useful for casting parts, molds and tools. Faster-setting Poly 15-3X cures in less than an hour. Poly 1510, Poly 1512 and Poly 1512X are water thin, with a great thermoplastic feel for prototypes. New Poly 1512 Clear is well suited for color or filled castings. Poly LiteCast is a low-density, wood-like casting resin, easily carved, cut, sanded, and drilled. New Poly 15-8 is an aluminum-filled polyurethane for higher heat resistance applications.

**Poly-Optic® Clear Casting Resin**  
 Poly-Optic® 1410 is a crystal-clear, non-yellowing, polyurethane liquid plastic with a Shore D-85 hardness. Poly-Optic® 1420 is also crystal clear but must be heat cured and is buffable. Poly-Optic® 14-70 is a clear rubber with a Shore A-70 hardness.

**Poly 81 Series High-Performance Elastomers**  
 RTV (room temperature vulcanizing) liquid elastomers for parts, tools, and molds; low moisture sensitivity. Hardnesses of D-55, D-45 and A-90.

**Poly Waxes**  
 Poly Skin-Wax has a very low melt point with good toughness after cooling for making molds of hands, feet, and delicate objects with limited undercuts. Poly Wax 15 is mineral-filled for casting in most rubber molds to make recarvable models.

**PolyPox® Liquid Plastic Resins**  
 PolyPox® 1010 is a basic, low-viscosity epoxy resin for general use. With Poly Cure 1212 it can be filled with bronze or other metal powders for production of cold-cast bonded bronze in Poly rubber molds. Ask about our other epoxy systems.

**New PolyFoam™ R-8 Castable Rigid Foam**  
 Demoldable in 10 minutes, this easy-to-use 1:1 mix rigid foam can be cast in closed molds packed to a density of 12 to 20 pounds per cubic foot to produce parts replicating wood, terra-cotta, stone, or many other materials. It is usually cast in molds of PlatSil® 73-45 with Barrier PF and Pol-Ease® PF.

## Polytek® Accessories

	Packaging	US \$
Release Agent, Pol-Ease® 2300 Aerosol Can, improved spray tip	12 oz. can	8.50
Poly Plasticene non-hardening, sulphur-free modeling clay	1 lb. wrapped blocks	1.50
Poly Paddle, 16" rubber bowl scraper for best hand mixing	each	6.75
Bronze Powder for "Bonded Bronze"	2 lb. can	14.00
>80% Bronze 15-20% resin is recommended	10 lb. can	59.00
Cab-O-Sil®, Grade M-5, fumed silica for thickening rubbers & plastics	10 lb. bag	99.00
	5 gal. pail (about 2 lb.)	31.00
PVC Disposable Gloves, large size fits all	box of 100	16.00
Rubber Bands, heavy duty, 4" x 3/4" or 8" x 3/4"	1 lb. box	6.75
New Pol-Ease® 2650, high-performance, silicone-free bulk release for concrete and plaster castings	1.5 lbs., qt.	7.25
	5 gal.	78.00
Pol-Ease® Mold Rinse, for bubble-free plaster castings	40 lbs.	28.00
Pol-Ease® Mold Dressing, prevent mold shrinkage, restore mold dimensions	40 lbs.	74.00
New Poly Purge™, aerosol dry gas for Poly Urethane containers	aerosol can	10.50
New Pol-Ease® 2350, liquid petroleum release agent for use when pouring silicone RTV over a model or against cured silicone.	1.5 lbs., qt.	7.25
Tietex Fabric for reinforcing rubber molds, 40" wide	10' or 324' roll	10.00/199.00
China Bristle Brushes, wood handle, bundle of 10	1" or 2" brush	9.50/11.50
Tongue Depressors, mixing blades, white birch wood, 6" length	box of 500	12.50
Poly Spatulas, stainless steel, comfortable vinyl handle for mixing	4" or 6" blade	11.00/12.00

## Polytek® Products

### RTV Liquid Rubbers and Plastics for Moldmaking and Casting

**TinSil® 70 and PlatSil® 71 & 73 Series RTV Silicone Rubbers**  
 Many products, from soft Shore A-10 to firm A-60 hardness. Best for casting resins and low-melting metals. Consider our TinSil® 70 Series tin-cured systems for best economy. Consider our platinum-cured PlatSil® 71 and 73 Series for highest performance. New PlatSil® 71-15 and 71-20 are 1:1 mix, fast-curing, high-strength silicone RTV mold rubbers.

### Polygel® Self-Thickening Brushable/Sprayable Mold Rubbers

New, patented Polygel® mold rubbers are 1:1 mix liquids that thicken during mixing to brush-on viscosity. No Cab-O-Sil® or Part D needed. Polygel®