

# Subscription & Trial Unit Order Form • Product Listings

Subscribe FREE to DEVELOPMENTS™ and order a Trial Unit with this form. You can fax or mail us the form to be assured of receiving future issues. To help you try our products, Polytek® will ship you Trial Units with free freight in the contiguous 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. 30 55 Hilton St., Easton, PA 18042**

## Fill in the information below to subscribe and/or 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 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 the 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 (VISA/MC/AMEX)

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—60 &amp; 70 SERIES (TIN)</b>				
<b>New TinSil® 60-10</b>	9 lb	.90	1 10	\$86.00
<b>New TinSil® 60-25</b>	9 lb	.90	1 10	86.00
<b>New TinSil® 70-26</b>	9 lb	.98	1 10	97.00
<b>New TinSil® Spray 25</b>	9 lb	.98	1 10	97.00
	2 lb cartridge			50.00
<b>New TinSil® Gel 10</b>	9 lb	.98	1 10	97.00
<b>SILICONE RTV MOLD RUBBERS—71 &amp; 73 SERIES (PLATINUM)</b>				
<b>PlatSil® 71-10</b>	9 lb	.98	1 10	\$102.00
<b>PlatSil® 71-30</b>	9 lb	.98	1 10	102.00
<b>PlatSil® 73-45</b>	9 lb	.85	1 10	102.00
<b>PlatSil® Gel-10</b>	2 lb	.24	1 1	28.00
	16 lb	1.9	1 1	174.00
<b>New PlatSil® 71-11</b>	2 lb	.24	1 1	28.00
	16 lb	1.9	1 1	174.00
<b>PlatSil® 71-20</b>	2 lb	.24	1 1	28.00
	16 lb	1.9	1 1	174.00
<b>New PlatSil® SiliGlass™</b>	2 lb	.24	1 1	28.00
	16 lb	1.9	1 1	174.00
<b>BRUSHABLE MOLD RUBBERS</b>				
<b>Polygel® 35</b>	16 lb	1.87	1 1	\$92.00
<b>Polygel® 40</b>	16 lb	1.87	1 1	92.00
<b>Polygel® 50</b>	16 lb	1.87	1 1	92.00
<b>POURABLE MOLD RUBBERS</b>				
<b>Poly 74-20</b>	6 lb	.71	1 2	38.00
	24 lb	2.84	1 2	119.00
<b>Poly 74-29</b>	4 lb	.46	1 1	28.00
	16 lb	1.86	1 1	80.00
<b>Poly 74-30</b>	4 lb	.47	1 1	28.00
	16 lb	1.90	1 1	80.00
<b>Poly 74-45</b>	4 lb	.46	1 1	28.00
	16 lb	1.86	1 1	80.00
<b>Poly 75-59</b>	4 lb	.45	1 1	28.00
	16 lb	1.80	1 1	80.00
<b>Poly 75-60</b>	4 lb	.45	1 1	28.00
	16 lb	1.80	1 1	80.00
<b>New Poly 75-65</b>	4 lb	.45	1 1	28.00
	16 lb	1.80	1 1	80.00
<b>New Poly 75-90</b>	6 lb	.67	2 1	42.00
	24 lb	2.68	2 1	128.00
<b>New GlassRub™ 50</b>	4 lb	.47	1 1	34.00
	16 lb	1.90	1 1	99.00
<b>New ClearCut™ 45</b>	4 lb	.47	1 1	32.00
	16 lb	1.90	1 1	94.00
<b>SPECIALTY MOLD MATERIALS</b>				
<b>Hydrogel® N</b>	0.5 lb	—	—	\$14.00
<b>POURABLE CASTING RESINS</b>				
<b>EasyFlo™ 60</b>	3.8 lb	.44	1:1 by volume	\$24.00
	15.2 lb	1.75	1:1 by volume	72.00
<b>New EasyFlo™ 95</b>	3.8 lb	.44	1:1 by volume	24.00
	15.2 lb	1.75	1:1 by volume	72.00
<b>New EasyFlo™ 120</b>	3.8 lb	.44	1:1 by volume	24.00
	15.2 lb	1.75	1:1 by volume	72.00
<b>New EasyFlo™ Clear</b>	3.8 lb	.44	1:1 by volume	24.00
	15.2 lb	1.75	1:1 by volume	72.00
<b>New EasyFlo™ Light 300</b>	2.4 lb	.44	1:1 by volume	19.00
	10 lb	1.75	1:1 by volume	58.00
<b>New EasyFlo™ Light 500</b>	2.4 lb	.44	1:1 by volume	19.00
	10 lb	1.75	1:1 by volume	58.00
<b>Poly 15-3X</b>	20 lb	1.56	1 1	57.00
<b>Poly 1512X</b>	16 lb	1.87	1 1	90.00
<b>New Poly-Optic® 1411*</b>	3.8 lb	.44	1 1	49.00
<b>PolyFoam™ R-8</b>	16 lb	1.75	1 1	73.00

viscosity. No Cab-O-Sil® or Part D needed. **Polygel® 50** can be applied about 1/4-inch thick, while **Polygel® 35 & 40** are thinner for best detail penetration. A mold can be made in an afternoon and cured overnight. **Polygel® Quick-Spray 50 & Polygel® Spray 35** offer a rapid cure for large spray applications.

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

Hardnesses range from Shore A-20 to A-90. **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 74-20** is softer. **Poly 74-45** is stretchy with a high tear. Widely used for dimensionally stable plaster castings. No plaster buildup. **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. **Poly 75-65** and **Poly 75-90** are new rubbers with excellent toughness for molds, forms, and parts.

## 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, EasyFlo™ Series Resins** 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. **EasyFlo™** products 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. **EasyFlo™ Light 300 & 500** are low-density, wood-like casting resins, easily carved, cut, sanded, and drilled. **Poly 15-8** is an aluminum-filled polyurethane for higher heat resistance applications.

## Poly-Optic® Clear Casting Resin, GlassRub & ClearCut Ribbers

**New Poly-Optic® 1411** 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 to obtain strength and is buffable. **Poly-Optic® 14-70** is a clear rubber with a Shore A-70 hardness. **GlassRub™ 50 & ClearCut™ 45** are new 1:1 rubbers for see-through molds and decorative objects.

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

## New Poly PT Series Rubbers & Plastics

**Poly PT 30 FR** is UL 94V-0 flame rated. **Poly PT 145 HR** is heat resistant to over 200°F. **Poly Flex 50, 60 & 70** are low-viscosity, fast prototyping rubbers for flexible parts.

## Polyoxy® Liquid Plastic Resins

**Polyoxy® 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.

## PolyFoam™ R-8 & R-5 Castable Rigid Foams New PolyFoam™ F-5 Flexible Foam

These easy-to-use 1:1 mix foams can be cast in closed molds packed to a density of 7 to 20 pounds per cubic foot to produce parts replicating wood, terra-cotta, stone, or many other materials. Usually cast in molds of PlatSil® 73-45 with Barrier PF and Pol-Ease® PF.

To order products not listed, call our Order Department at (800) 858-5990

## Polytek® Accessories

	Packaging	US \$
<b>New PolyCoat™</b> sealer and semipermanent release	1 qt	24.00
<b>New PolyColors™</b> for dyeing polyurethane rubbers & plastics (available in red, blue, green, yellow, brown, and black)	0.25 lb	19.00
	1 lb	60.00
<b>New Mold-Key Knife</b> , cut tongue & groove notch for best seam registration	each	39.00
<b>Release Agent, Pol-Ease® 2300 or 2500 Aerosol Can</b>	12 oz. can	9.50
<b>Poly Plasticene</b> non-hardening, sulphur-free modeling clay	1 lb wrapped blocks	2.00
<b>Poly Paddle</b> , 16" rubber bowl scraper for best hand mixing	each	8.50
<b>Bronze Powder</b> for "Bonded Bronze"	2 lb can	20.00
>80% Bronze 15-20% resin is recommended	10 lb can	89.00
<b>New Poly Fiber II</b> for thickening rubbers and plastics	5 gal pail (about 3 lb)	28.00
<b>Nitrile Disposable Gloves</b> , large size fits all	box of 100	15.00
<b>Pol-Ease® 2650</b> , silicone-free bulk release for concrete and plaster castings	1.5 lb, qt	8.50
	5 gal	88.00
<b>Poly Purge™</b> , aerosol dry gas for Poly Urethane containers	aerosol can	12.50
<b>Pol-Ease® 2350</b> , liquid petroleum release agent for use when pouring silicone RTV over a model or against cured silicone.	1.5 lb, qt	8.50
<b>Tietex Fabric</b> for reinforcing/repairing rubber molds, 40" wide	10' or 324' roll	11.00/209.00
<b>China Bristle Brushes</b> , wood handle, bundle of 10	1" or 2" brush	10.00/12.00
<b>Tongue Depressors</b> , mixing blades, white birch wood, 6" length	box of 500	16.00
<b>Poly Spatulas</b> , stainless steel, comfortable vinyl handle for mixing	4" or 6" blade	14.00/15.00
<b>New Plas-Pak Silicone Sprayer</b> , includes air-regulator	each	650.00
Cartridges/Static Mixers	each	5.00/2.25

## Polytek® Products

### RTV Liquid Rubbers and Plastics for Mold Making and Casting

#### TinSil® 60 & 70, PlatSil® 71 & 73 Series & SpraySil™ 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® 60 & 70 Series** tin-cured systems for best economy. Consider our platinum-cured **PlatSil® 71 and 73 Series** for highest performance. **PlatSil® 71-11 and 71-20** are 1:1 mix, fast-curing, high-strength silicone RTV mold rubbers. **TinSil® Spray 25** is a new, low-cost sprayable tin silicone. **TinSil® Gel 10** is a clear A-10 pourable tin for FX applications (faux skins, etc.).

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

Patented Polygel® mold rubbers are 1:1 mix liquids that thicken during mixing to brush-on