

Polyurethane Rubber Accessories

ACCELERATOR	
Poly 74/75 Part X Accelerator	Add to liquid polyurethane rubbers to accelerate the pour time and demold time. Part X is most useful when making brush-on molds to decrease the time needed between coats. The amount of Part X needed varies from product to product and should be determined through experimentation. EXAMPLE: By adding 3% Part X (by weight of the total mix) to Poly 74-30 or 74-29 Liquid Rubber, the working time is reduced to approximately 8 minutes. Demolding is possible in as little as 4 hours after the final layer is applied.
SOFTENER	
Poly 74/75 Part C Softener	Add to liquid polyurethane rubbers for a lower-viscosity mix and softer cured rubber. EXAMPLE: To soften Poly 74-30 Liquid Rubber (Shore A30) to a Shore A15, mix 1A:1B:1C by weight.
MOLD CARE ACCESSORIES & PRODUCT LIFE EXTENDER	
Pol-Ease® Mold Dressing	A thin liquid that protects and rejuvenates polyurethane rubber molds that have been exposed to solvents, petroleum-based form releases, or harsh casting materials such as those that are porous and absorptive.
Pol-Ease® Mold Rinse	A liquid concentrate that reduces surface air bubbles on plaster castings made in Polytek® rubber molds.
PolyPurge Dry Aerosol Gas	Spray PolyPurge into open polyurethane Part A and B containers just before resealing to displace moist air and extend the product life.
COLOR DYES & UV ADDITIVE	
PolyColor Dyes	Oil-based dyes for coloring Polytek®'s polyurethane rubbers and plastics. Available in black, brown, blue, green, red, yellow, white and fleshtone. Add up to 0.5% PolyColor Dye to the total mixed weight of the rubber being used (exception: up to 2% of PolyColor White and PolyColor Fleshtone can be added to polyurethane rubbers and resins).
UV Additive	Add this liquid additive to polyurethane liquid rubber or plastic to improve exterior durability and reduce surface degradation caused by sunlight or other UV light sources. Add up to 0.5% of the total mix weight of the rubber.
FILLERS & THICKENERS	
PolyFiber II Thickening Agent	Add PolyFiber II to Polytek® liquid polyurethane rubbers to thicken for brush-on application or to make mold shells.
Fumed Silica	A fine powder that can be added to polyurethane liquid rubbers to thicken them for brush-on applications.
REINFORCEMENT MATERIALS	
Tietex® Fabric	A strong, conformable, reinforcing fabric often used to reinforce the top of a seam in brushed or sprayed molds or laid into the back of a poured mold to increase durability.

Polyurethane Plastic Accessories

ACCELERATORS	
Poly 15 Part X Accelerator	Poly 15 Part X Accelerator accelerates the pour times and demold times of Poly 15-Series & EasyFlo Series products. A few drops added to a one-pound mix speeds the cure significantly. Experiment to determine how much Part X is needed for your application. Do not exceed 1% of the total mixed weight as final physical properties may be affected.
Poly-Optic® 14 Part X Accelerator	Poly-Optic® 14 Part X Accelerator speeds the cure of Poly-Optic® products (recommended for castings less than 1/2" thick). Experiment to determine how much Part X is needed for your application. Do not exceed 1% of the total mixed weight as final physical properties may be affected. EXAMPLE: 0.5 grams of Part X in a 100 gram mix of Poly-Optic® 1410 Clear Casting Resin cuts the pour and cure times in half.
RETARDER	
Poly-Optic® 14 Part R Retarder	Poly-Optic® 14-Series Part R Retarder slows the cure of Poly-Optic® products. For every part of Part R added, an equal part of Part A must be added to the mix. Experiment to determine how much is needed for your application. Do not exceed 4% of the total mixed weight as the product may not cure properly. EXAMPLE: Add 1% Part R to Poly-Optic® 1411 to double the working time from 9 to 18 minutes.
COLOR DYES & UV STABILIZER	
PolyColor Dyes	Oil-based dyes for coloring Polytek®'s polyurethane plastics. Available in black, brown, blue, green, red, yellow, white and fleshtone. Add up to 0.5% of the total mixed weight of the plastic.
UV Additive	Add this liquid additive to polyurethane plastics to improve exterior durability and reduce surface degradation caused by sunlight or other UV light sources.
FILLERS & THICKENERS	
PolyFiber II Thickening Agent	Add PolyFiber II to Polytek® liquid polyurethane plastics to thicken for brush-on application or to make mold shells.
PolyFil ND (Neutral-Density) Filler	Add PolyFil ND (neutral density) filler to Polytek® liquid polyurethane plastics to reduce the cost of the casting without changing its density and/or reduce shrinkage in polyurethane plastics.
Bronze Powder	Add Bronze Powder (325 Mesh) to EasyFlo Liquid Plastic to create cold cast bronze parts. This technique is most popular with EasyFlo 60 & EasyFlo Clear.
PRODUCT LIFE EXTENDER	
PolyPurge Dry Aerosol Gas	Spray PolyPurge into open polyurethane Part A and B containers just before resealing to displace moist air and extend the product life.
REINFORCEMENT MATERIALS	
Fiberglass Mat	A non-woven, 1.5 oz. per square foot, chopped strand mat to reinforce Polytek® resins.

Polyurethane Foam Accessories

PRODUCT	DESCRIPTION
Color Dyes	PolyColor Dyes can be used to color PolyFoams. They are available in black, brown, blue, green, red, yellow, white and fleshtone.
PolyCoat Sealer & Release Agent	PolyCoat can be applied to polyurethane molds to cast PolyFoam. It can also be applied to silicone molds to improve performance and extend their life.
Product Life Extender	Use PolyPurge Aerosol Dry Gas to extend the product life of liquid PolyFoams by spraying it into containers before resealing.

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