



LIQUID MOLD RUBBERS & CASTING PLASTICS

For Casting, Forming & Texturing
CONCRETE



Polytek® Development Corp. manufactures Liquid Rubbers that are used to create flexible molds and tools for casting, forming, and texturing concrete. Our high performance, two-part Polyurethane and Silicone Liquid Rubbers can be poured, brushed, or sprayed onto any original pattern regardless of how simple or complex its shape.

Molds made from Polytek Liquid Rubbers can be used with all precast mixes (dry-cast and wet-cast), glass fiber reinforced concrete (GFRC), and polymer modified mixes. Using Polytek flexible mold rubbers, you can easily replicate parts with deep undercuts, difficult recesses, and irregular surfaces.

Poly 74-Series Liquid Rubbers

Our softer Polyurethane Rubbers are great for products with deep undercuts and very irregular surfaces. Veneer stone, decorative precast, and countertop edging are popular applications. Available in hardnesses ranging from Shore A20 to A55.



Poly 75-Series Liquid Rubbers

Our firmer Polyurethane Rubbers are great for products with fine detail and minimal undercuts. Popular uses include concrete stamps, wet-cast pavers and slabs, formliners, and countertop sink plugs. Available in hardnesses ranging from Shore A60 to A90.



Polygel® Self-Thickening Liquid Rubbers

Our self-thickening line of Polyurethane Rubbers are great for overhead and vertical applications. Popular for on-site restoration projects, or any time you don't want to mess with powdered thickeners. Available in brush or spray systems with hardnesses ranging from Shore A35 to A50.



Use Polytek® Liquid Rubbers to Make Your Own:

- Architectural Precast Molds
- Molds for Cast Stone Products
- Ornamental Precast and Statuary Molds
- Stamping Tools and Texturing Skins
- Rubber Blockouts and Hole Formers

Poly 15-Series Liquid Plastics

Our toughest line of Polyurethane Plastics are great for creating permanent masters, supportive shells, and mother molds. Use Poly 1511, Poly 1512, or Poly 1512x with Poly Fiber II for shells and mother molds. Poly 15-3 and Poly 15-3X offer minimal shrinkage and are great for replicating masters.



PlatSil® & TinSil® Silicone Rubbers

Our Platinum- and Tin-based Silicone Rubbers offer superior chemical resistance and releasing qualities. They are especially useful for casting polymer-modified mixes. Very soft silicone rubbers are also used to cast highly decorative and delicate plaster ornamentation. Hardnesses range from Shore 0030 to A60.



Mold Making Accessories

Poly Purge Dry Gas Blanket - Blast Poly Purge into open Polyurethane Part A and Part B containers just before resealing to displace moist air and extend the product life. Poly Purge is heavier than air, non-flammable and not ozone depleting. It is packaged in an aerosol can with a nozzle extension, which is useful for directing the gas into the desired space. Available in a 10-oz aerosol can, or in a case of 12 cans.

Pol-Ease® 2300 Release Agent – An excellent silicone-based release agent for use on sealed models such as those made of painted wood and sealed concrete. Use as a release agent when casting polyurethane rubbers and plastics. Available in a 12-oz aerosol can, or in a case of 12 cans.

Pol-Ease® 2500 Release Agent – A silicone-based release agent that is compatible with both polyurethane and silicone rubbers. It washes off more easily than Pol-Ease 2300, so it is the preferred release agent when casting parts that will be painted. Available in a 12-oz aerosol can, or in a case of 12 cans.

If you can pour **CONCRETE...**
...You can pour **LIQUID RUBBER .**



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