



# Polytek® Silicone Accessories

## PlatSil® Gel Accessories

COLOR DYES	
Silicone Color Pigments	Pigments for coloring Polytek® PlatSil® and TinSil® silicone rubbers. Available in: fleshtone, red, blue, green, yellow, black and white. Add up to 0.5% of the total mixed weight of the silicone mix.
THICKENERS	
PlatThix Liquid Thickener	Add PlatThix liquid thickener to thicken PlatSil® silicone rubbers for brush-on application. Add up to 5% PlatThix of the total mixed weight of the PlatSil® mix. Experiment to determine the best amount to add for your application.
TinThix/TinThix II Liquid Thickener	Add TinThix liquid thickener to thicken TinSil® or PlatSil® silicone rubbers for brush-on application. Tin-Thix is more potent in PlatSil® rubbers than PlatThix. Add up to 5% TinThix of the total mixed weight of the silicone mix. Experiment to determine the best amount to add for your application.
Fumed Silica	A fine powder that can be added to liquid silicone rubbers to thicken them for brush-on applications.
ACCELERATORS & RETARDERS	
PlatSil® 71/73 Part X Accelerator	PlatSil® 71/73 Part X Accelerator accelerates the pour times and demold times of PlatSil® silicone products. Add up to 3% Part X to the total mixed weight of the PlatSil® mix. <b>EXAMPLE:</b> The addition of 1% Part X to the total mixed weight decreases the pour time to $\sim\frac{1}{3}$ the normal pour time. The addition of 2% decreases the normal pour time to $\sim\frac{1}{4}$ . The addition of 3% decreases the normal pour time to $\sim\frac{1}{6}$ . The demold time will also be reduced. Experiment to determine the best amount to add for your application.
TinSil® FastCat Accelerator	Use TinSil® FastCat to accelerate the cure and shorten the demold time of TinSil® silicone products. FastCat can be added in a range of 1% to 4% of Part B by weight. <b>EXAMPLE:</b> When using TinSil® 80-30, adding 2% FastCat will result in a $\sim$ 15-minute pour time and $\sim$ 4-hour demold time. Adding 3% FastCat will result in a $\sim$ 10-minute pour time and $\sim$ 3-hour demold time. Adding 4% FastCat will result in a $\sim$ 5-minute pour time and $\sim$ 2-hour demold time. Experiment to determine the best amount to add for your application.
PlatSil® 71/73 Part R Retarder	PlatSil® 71/73 Part R Retarder slows the pour times and demold times of PlatSil® silicone products. Add up to 4% Part R to the total mixed weight of the PlatSil® mix.
SOFTENER	
Silicone Fluid 50cSt	Add Silicone Fluid 50 cSt to TinSil® and PlatSil® products for a lower-viscosity mix and a softer rubber.

## Reference Chart

ACCESSORIES FOR PLATSIL® GELS	
Deadener/Softener	Add Smith's Theatrical Prosthetic Deadener or PlatSil® Deadener LV (Low-Viscosity) to soften, or "deaden" PlatSil® Gel rubber. <i>Additional details can be found in the "Deadener &amp; Hardener" Technical Bulletin.</i>
Hardener	Add PlatSil® Part H Hardener to increase the Shore hardness of any PlatSil® Gel. It also increases working and demold time. <i>Additional details can be found in the "Deadener &amp; Hardener" Technical Bulletin.</i>
Color Pigments	Use Silicone Color Pigments to create custom colors in silicone rubber. Available in fleshtone, red, blue, green, yellow, black and white.
Thickener	Add PlatThix liquid thickener to PlatSil® Gels to thicken the mix to a light-bodied, non-sag gel. Add up to 5% PlatThix to the total mixed weight of the PlatSil® Gel.
Retarder	Add PlatSil® 71/73 Part R Retarder to slow the cure of PlatSil® products. Add up to 4% Part R to the total mixed weight of the PlatSil® Gel.
Accelerator	Add PlatSil® 71/73 Part X Accelerator to accelerate the cure of PlatSil® products. Add up to 3% Part X of the total mixed weight of the PlatSil® Gel.
Thinning Agent/Softener	Add Silicone Fluid 50 cSt to the mixed rubber to thin the mix. More than 10% fluid addition may exude from the cured rubber. To soften without oil leaching, use Smith's Theatrical Prosthetic Deadener or PlatSil® Deadener LV.

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