



# Silicones, Inc.

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*RTV-2 Silicones Since 1974*

## Product Information **XT- 493**

**XT-493** is a high strength, two component, thixotropic, tin-catalyzed RTV silicone rubber that can be used for extreme vertical surfaces. It has a small amount of flow to allow some air release when poured, troweled, brushed or sprayed on the pattern. It is thixotropic enough to build wall thickness necessary for a good skin mold.

**Excellent Chemical Resistance** **XT-493** exhibits long mold life when faced with the rigorous effects of polyester and polyurethane casting.

**Color-coded catalyst** The blue **XT-493** activator ensures homogenous mixing and eliminates mold loss resulting from inadequate stirring or faulty spray equipment.

**Insensitive to inhibition** **XT-493** is not inhibited by most common mold-making substrates, eliminating the need to use mold sealers.

### Applications

Making glove molds of sculpture pieces in the arts foundry industry.

Making glove molds of large, display or effects pieces, such as trees, columns, archways, and rocks.

Anywhere a glove mold would be desirable over a conventional, poured mold.

Molds made of **XT-493** will be excellent for casting polyesters, polyurethanes, waxes, gypsum, concrete, and epoxies. It is always desirable to pour a small test mold with any of these materials.

### TYPICAL PROPERTIES

<u>Uncatalyzed Compound</u>	<u>Base</u>	<u>Activator</u>
Color	white	blue
Viscosity (cps)	600,000	300-400
Work Time (hours)	1-1.5	
Cure Time (hours)	16 -18	
Shelf Life (months)	6	6

### Cured Rubber (7days @ 70F & 50% R.H.)

Hardness, Shore A	25 +/- 3
Tensile Strength, psi	400 +/- 25
Elongation, %	385 +/- 25
Tear, ppi	100 +/- 10
Shrinkage, %	0.1
Specific gravity	1.10

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