



Silicones, Inc.

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RTV-2 Silicones Since 1974

Product Information

XP-573

Specialty platinum cured silicone designed for animatronics where small, precise movements of the robotics are required. This material is not designed for most animatronic applications. Please refer to other Silicones, Inc. silicones for a wider range of materials.

Mixing Directions

XP-573 is mixed 10 parts base to one part activator by weight. Deviations from this ratio will cause changes in the physical properties. Choose a container with a volume that is two to three times greater than that of the rubber. Weigh the components carefully and mix thoroughly. After the color is evenly mixed into the base, scrape the sides and bottom of the container to insure that there is not unmixed portion. Place the container in a vacuum chamber and deaerate at 28 to 29 inches of mercury vacuum until the mass of rubber rises and then collapses.

Typical Properties

Color, base		translucent
Color, activator		translucent
Base viscosity (cps)		44,000
Activator viscosity (cps)		1,000
Working time (hours)	2.5	
Cure time (hours)		16-18
Specific gravity		1.08
Shore 00 hardness		
1 day		53
7 day		54
Shore A hardness		
1 day		3
7 day		4
Tear (7 days) ppi		81 +/- 3
Tensile (7 days) psi		300 +/- 13
Elongation (7days) %	745 +/-	33

The information contained in this product information sheet is based on sources believed to be accurate. It is offered in good faith, but without guarantee since the conditions of use are beyond our control. All risks of use are assumed by the user.