



Silicones, Inc.

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Product Information

XP-541 SILICONE RUBBER

XP-541 is an RTV-2 platinum cured addition reacted silicone. It was developed for use as a mold making material that can rapidly reproduce body parts. Due to the speed in which this material cures, it is not recommended for common mold making purposes.

It is advised that the model apply vasoline to the area of their body that is going to be copied. There are some instances where the silicone has pulled hair. If something other than vasoline is to be used, a small amount of material should be tested as some lotions can cause outgassing in your mold.

Mixing Directions:

Mix 100 parts by weight of XP-541 B with 10 parts of XP-541 A in a container. Thoroughly mix the material until a uniform color appears. The XP-541 will become thixotropic after approximately 15 seconds. When you see no more streaks, you are ready to apply it to the model.

XP-541 has only a three to five minute work time and a demold of ten to fifteen minutes. Any deviation in heat from 70°F can either increase or decrease these times. If the temperature is above 70°, the material will lose working time and cure time, if it is below 70° it will gain working time and the cure time will increase. You can slow the XP-541 down by chilling the base in refrigerator. This will only slow the reaction down, not stop it completely.

Color, Base White	White
Color, Activator	Orange
Specific Gravity	1.13
Base Viscosity (cps) \pm 10,000	70,000
Activator Viscosity (cps)	2,000
Working Time @ 70°F	3-5 Minutes
Demold Time @ 70°F	10-15 minutes
Shore A Hardness	30 \pm 4