

Renew



Silicone 5

Renew Silicone 5 is a very soft, high-performance silicone rubber suitable for making soft, custom duplicate or injected silicone End Pads. Silicone 5 will exhibit high tear strength and good wear resistance.

Material is available only in Cartridges (400 ml). Mix ratio is 100A:100B by volume. Vacuum-degassing is not recommended. Materials should be stored and used at room temperature (72° F / 23° C). This product has a limited shelf life and should be used as soon as possible. Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk.

When dispensing from cartridges, you must remove clear cap from cartridge end and twist / break-off end-cap. Screw on static mixing tube and place cartridge in dispensing gun. Do not squeeze trigger until you are ready to apply rubber. After squeezing trigger, Parts A and B will quickly be mixed through the static mixing tube and dispensed through the tip.

NOTE: If you stop dispensing, the product may cure in static mixing tube. If this happens, replace static mixing tube.

Storage of Un-used Material: Leave static mixing tube with cured material attached to cartridge. To use again simply replace static mixing tube.

Cure Inhibition: Silicone rubber may be inhibited by certain contaminants in or on the surfaces that they contact during the cure cycle (such as sulfur-based clays, polyesters, and certain woods) resulting in tackiness at the pattern interface or a total lack of cure throughout the silicone. If compatibility between the silicone and the surface is a concern, a small scale test is recommended. Apply a small amount of mixed silicone onto a non-critical area of the pattern. Inhibition has occurred if the rubber is gummy or uncured after the recommended cure time has passed.

Technical Information

Mix Ratio: 100A : 100B parts by weight or volume

Working Time: 1 minute

Cure Time: 5 minutes (@ room temperature 72° F / 23° C)

Shore Hardness: 5A

Color: Translucent Clear

The Material Safety Data Sheet (MSDS) for this or any Renew Advanced Materials product should be read prior to use and is available upon request from Renew Advanced Materials. All Renew products are safe to use if directions are read and followed carefully.

Be careful. Use only with adequate ventilation. Contact with skin and eyes may cause irritation. If contaminated, flush eyes with soap and water for 15 minutes and seek medical attention. Remove from skin with waterless hand cleaner followed by soap and water.

Important: The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.

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