



CSTR-PATCH KIT

Description: CSTR-PATCH KIT is a two-part RTV designed to repair imperfections in silicone rollers.

Key Features:

- ◆ Fix small imperfections easily.
- ◆ Easy to apply.
- ◆ Material cures clear.
- ◆ Use from -55°C to 200°C

Property:

Typical Value:

- | | |
|--------------------|------------------------|
| ◆ Classification | CSTR – Silicone Roller |
| ◆ Specific Gravity | 1.02 |
| ◆ Color | Clear |
| ◆ Polymer Type | VMQ |

How To Use:

CSTR-PATCH KIT is supplied as a two-part (A:B) kit and should be mixed in a 10:1 ratio.

Food-Grade Products:

The components of CSTR-PATCH KIT are listed in 21 CFR 177.2600. This FDA regulation deals with rubber articles intended for repeated use in contact with food.

Storage and Shelf Life:

When stored at or below 32C (90F), this material has a shelf-life of 12 months from the date of manufacture.

Packaging:

CSTR-PATCH KIT is supplied in pails.

Addition Cure Formulation Information:

CSTR-PATCH KIT offers a 2-4 hour work time and an 18-48 hour cure time (depending on ambient or substrate temperature).

Warnings:

The curing mechanism this material utilizes can be inhibited by contact with other materials containing amines, sulfur, tin complexes, and some peroxides. This inhibition can be through both air-born and direct contact. It is advisable to test compatibility (via patch test in which a small amount of catalyzed material is heated) to determine whether or not it cures at the interface or in the oven used.

Table 1: Physical properties of CSTR-PATCH KIT*

Basic Physicals

Hardness, pts	42
Tensile, psi	700
Elongation, %	150
Linear Shrinkage	<.02%
Viscosity, A, cps	5,000
Viscosity, B, cps	1,000

*Properties obtained on a 2 mm thick (0.08 inches) slabs: Press cured 17 minutes @ 175°C (350°F) from a cold mold.

Materials were tested according to CRI-SIL Silicone Technologies Test Methods (CSTM).

BENEFITS

- Grindable once cured.
- Easy storage
- Fast and easy cleanup
- Saves money.

TURNKEY SOLUTIONS

CRI-SIL silicone roller covering patch kits are designed to save the manufacturer time and money when used to repair small imperfections in roll coverings.

CRI-SIL SERVICES

- Custom silicone compounding
- Processing Assistance
- Fast Quoting
- Free Samples

Limited Warranty Information

Please Read Carefully

DISPOSAL

CRI-SIL CSTR-PATCH KIT should be disposed of in accordance with local and federal regulations.

WRITING

SPECIFICATIONS

The values listed here are considered "Typical Values" and therefore not intended for use in preparing specifications. Please contact CRI-SIL Silicone Technologies prior to writing specifications on these products.

MORE INFORMATION

For more information on any of our products or services please visit us on the Web at:
www.cri-sil.com

The information contained herein is offered in good faith and is believed to be accurate. However, because end-use manufacturing conditions vary, this information should not be used in substitution of actual product testing to ensure full satisfaction for the intended end use.

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