

## TIPS ON STORAGE AND HANDLING OF BISCO® SILICONES

If you have questions on the proper storage methods and shelf life of BISCO® cellular and solid silicone materials, here are a few tips that can help maintain product quality.

### *Without Adhesive*

BISCO Silicone materials show little or no loss of their original qualities for a reasonable period of storage time, when kept in the original packaging in an environment between 60°F to 80°F (16°C to 27°C) and a relative humidity of 40% to 75%. If stored at these conditions, the shelf life for products provided without adhesive is 10 years from the date of manufacture. These recommendations apply to BISCO Silicones in roll form without adhesive. Conditions may vary once the material has been altered, such as being cut or laminated. Materials, such as adhesives, not manufactured by Rogers, have their own shelf lives.



### *With Adhesive*

When BISCO Silicone products are provided with an adhesive, it is recommended to store them at temperatures between 70°F to 80°F (21°C to 27°C) and a relative humidity of 45% to 55%. If stored at these conditions, the shelf life for products with acrylic laminated adhesive is 18 months and silicone laminated adhesive is 6 months.

Specific storage questions can be directed to Rogers Corporation.

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## IDENTIFYING DATE OF MANUFACTURE

To assist in keeping track of a material's manufacture date, all rolls are labeled with a lot number, as shown in the example below:

Lot #	Year	Month	Machine	Production ID	Roll Number	Value Added
06A0593900101	06	A	05	939	001	01

The first three characters of a lot number refer to the year and month of production. Machine, Production ID, Roll Number and Value Added numbers are used for internal reference and traceability purposes. The lot numbers can be found on labels inside both ends of the roll core and on the seal tag label on the outside of the roll.

## TESTING OF PHYSICAL PROPERTIES



Rogers Corporation realizes that BISCO materials may not always be converted immediately after purchase. If the quality of the material is in question, testing can be performed to verify sustained physical properties (compressive force deflection, tensile strength, elongation, compression set).

Comparing the test results of the physical properties to those listed on the material's physical property data sheet is the best evaluation method. Contact Rogers Corporation to review these test methods or specific results.

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