

Silicone Adhesive Liner Removal Process of BISCO[®] Silicones

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

Procedure to Remove PET Adhesive Liner

BISCO Silicone materials are laminated with a silicone adhesive. PET liner requires to have the leading edge removed clean in the product machine direction to start removal process.

It is important to understand the PET liner needs to be removed at a constant speed minimum of 0.91 m/min (3 FPM) at 180-degree peel to remove the liner clean from the silicone adhesive. If not removed at a constant rate this adhesive is unsupported and can cause the adhesive to stretch and string out during removal to the PET liner.

Shelf Life with Adhesive

When BISCO Silicone products are provided with a silicone 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 silicone laminated adhesive is 6 months.

Specific storage questions can be directed to Rogers Corporation at solutions@rogerscorp.com or by contacting your Sales Engineer.

