

# R53 Removable Acrylic Adhesive

Technical Data

May, 2014

## Product Description

Strata-Tac Removable Acrylic Adhesive R53 is designed for use on smooth surfaces such as glass, metal, and plastic (including polystyrene) and offers excellent UV resistance, good initial tack, and long term adhesion with clean removability and is an excellent alternative to static cling.

**Note:** As a removable adhesive, performance may vary depending upon the substrate to which it is applied. Therefore, extensive testing should be conducted prior to use and textured surfaces should be avoided. Not suitable for children's toys or stickers.

## Typical Physical Properties

**Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

Adhesion properties determined per TLMI Method using 1.0 mil polyester with 0.8 mils of adhesive on a stainless steel panel.

<b>Peel Adhesion</b>	Approx.	0.3 lbs./in. (53 N/m)	TLMI Method, 180° Peel, 12"/min., 1" wide sample
<b>Loop Tack</b>	Approx.	0.5 lbs./in. (88 N/m)	TLMI Method, 12"/min., 1" wide sample
<b>Application Temperature</b>		40°F to 110°F (7°C to 43°C)	
<b>Service Temperature*</b>		-20°F to 155°F (-32°C to 68°C)	

\*Actual service temperature is a function of the entire construction, including the facestock. Care should be taken to match facestock temperature limitations with the label application requirements.

## Features

- Good initial tack
- Long term adhesion
- Multi-repositionable
- Clean removability (no residue)
- Static cling alternative
- Excellent UV resistance

## Application Ideas

- Oil change decals
- Window decals
- Instructional labels
- Pre-mask/paint mask
- POP promotional labels
- Resealable tabs

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## Recommended Substrates

- Glass
- Painted metal
- Plexiglass
- Plastic

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## Storage Conditions

Store under normal conditions of 70°F (21°C) and 50% relative humidity. To minimize the effects of humidity on the products, package the die-cut and printed stock in polyethylene bags. Low density polyethylene (2-4 mils) can help prevent humidity penetration.

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## Shelf Life

To obtain best performance, use this product within two years from the date of manufacture.

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## Product Use

All statements, technical information and recommendations contained in this document are based upon tests or experience that Strata-Tac believes are reliable. However, many factors beyond Strata-Tac's control can affect the use and performance of a Strata-Tac product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the Strata-Tac product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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## Warranty and Limited Remedy

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## Limitation of Liability

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