



# PERFORMANCE GUIDE

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Version: 3

**PRODUCT: MACfilm<sup>®</sup>**

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## GS - Series Strip Adhesive Approved: WEJ

**PRODUCT DESCRIPTION** The GS-Series of strip adhesives are made up of an unsupported SBR pressure sensitive adhesive, specially coated by MACTac using a patented, proprietary process, and wound on a 60# densified kraft release liner. *The GS Series is also available with a 2 mil polyester liner as a custom construction.*

The adhesive used in the GS-Series provides very aggressive tack and peel adhesion along with superior shear strength. This adhesive bonds to a wide variety of materials including low energy surfaces such as polyethylene and polypropylene. The standard thicknesses of 5 to 50 mils provides the mass needed to establish secure bonds to uneven or irregular surfaces.

The GS-Series strip adhesives are available in a number of narrow width sizes ranging from 1/4" to 11 1/2". The tolerance for any given width is +/- 1/16". Typically provided as a single or double strip of adhesive on the 60# liner, each roll has ungummed edges for ease of handling and quick liner removal. *There are manufacturing limitations, however, so please contact your district sales manager to review your application in order to determine suitability.*

The following properties are typical for a 20 mil thick adhesive product.

<b>PROPERTIES TEST METHOD</b>	<b>Quick Tack, Lbs./sq. in.</b>	<b>TYPICAL VALUES* PHYSICAL</b>
<b>Peel Adhesion, Lbs./in.</b>	PSTC - 3 Stainless Steel - 30 minute residence	22 +
<b>Shear, Hours to Fail</b>	PSTC - 7 Stainless Steel - 1000 g/sq. in. @ 72°F	300+
<b>Thickness, inches</b>	Adhesive only	.020 or .035

### Temperature Range Guidelines

Application: Above 50°F (10°C) for best performance. End Use: 0°F to 180°F (-18°C to 82°C)

**CHEMICAL RESISTANCE** Resistant to water, detergent and alcohol. Not recommended for use in contact with aliphatic or aromatic hydrocarbons

### SHELF LIFE

One year when stored at 75°F. (24°C.) and 50% relative humidity or less.

• Values given are typical and are not necessarily for use in specifications. Product reinforced with 2 mil PET during adhesion tests

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