

PRODUCT SPECIFICATION DATA



Product: GX49SL

Facestock: 10095-SL 54# SG

Semi gloss, super bright sheet is a versatile, consistent, high quality printable two side semi gloss suitable for roll-label and sheet-fed applications. Excellent solution for use across multiple printing platforms. Ideal for instant redeemable coupon applications.

Basis Weight	lbs/ream: 25x38-500	54
Caliper - mils:		2.4
Tear - grams:	MD	0.1124lb
	CD	0.1124lb
Tensile - lbs/in:	MD	21.7#/in
	CD	13.7#/in
Opacity:		89
Brightness:		94.5

Liner: 40# N+

Semi bleached, supercalendered white clay-coated kraft liner suitable for roll-label applications.

Basis Weight	lbs/ream: 24 x 36-500	40.5
Caliper - mils:		2.5
Tear - grams:	MD	32
	CD	34
Tensile - lbs/in:	MD	34
	CD	22
Opacity:		65

Adhesive: GPX

GPX is a water-based acrylic general-purpose permanent PSA. Provides good adhesion to a variety of surfaces. High tack and moderate adhesion to both high and low energy surfaces. Good resistance to UV and plasticizers. This adhesive has passed TLM LRP-2 recyclability testing when paired with paper.

Application Features:

Conforms to FDA 175.105 for indirect food contact, child toy safety act and CONEG regulations. Is repulpable. A Toxicological Risk Assessment has determined that this adhesive is safe for use in children's applications..

Peel Data - oz/in*

Stainless - 30 min @73°F:	19.0 AF
Stainless - 24 hr @73°F:	27.5 AF
Stainless - 1 wk @158°F:	32.0 AF
LDPE - 30 min @73°F:	NT

Tack, Shear and Static Peel Data*

Loop Tack - lbs/sq in::	2.10 AF
Probe Tack - grams:	500
Shear Resistance: (1 sq in x 1 Kg) minutes	90
Static Peel: (1sq in x 1 Kg) minutes	NT

Application Data

Application Temperature:	20°F
Time for Ultimate Adhesion:	30 minutes
Service Temperature:	-20°F - 200°F
Shelf Life:	1 Year

Recommended Storage: To maximize product longevity, we recommend storage out of direct sunlight at 70°F and less than 60% humidity.

- * 1. AF = Adhesive Failure, CF = Cohesive Failure, AT = Adhesive Transfer
- 2. Based on application of .002 Polyester to stainless steel surface
- 3. Based on label application and ultimate adhesion at 73°F, except 1 week peel data which is based on accelerated aging.

Note: Values on this page are nominal - subject to normal industry variance.

Statement of Practical Use: Per industry standard, all pressure sensitive and non-pressure sensitive materials should be thoroughly tested under actual end-use conditions to ensure that it meets the requirements of the specific application.

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