



Flexcon® NexGen™ SMP606H

2.0 Mil Gloss Topcoated Silver Matte Polyester for Oily and Rough Textured Surfaces - Roll Form
FLX068716

Benefits

- UL recognized under UL 969 – UL File No. PGJ12.MH16635 Printing Materials – Component
- cUL recognized under UL File No. PGJ18.MH16635 – Printing Materials Certified for Canada – Component – under CAN/CSA standard C22.2, No. 0.15

Features

- 2.0 mil gloss topcoated silver matte polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat is more universally printable than other thermal transfer printable products
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; and UV inkjet
- Permanent acrylic adhesive offers medium tack, high shear and excellent adhesion to a variety of metal and plastic surfaces, including polypropylene, polyethylene, PORON® and Kushon® cellular rubber products
- Adhesive offers high initial tack, high shear, and high ultimate bond to a wide variety of rough textured surfaces, including low-surface energy plastics and painted metal
- Adhesive exhibits exceptional performance on textured and uneven surfaces
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting
- Liner is suitable for optical sensing on most thermal transfer printers

Additional Details

All narrow-format UV inkjet systems are different; therefore, we recommend "fit-for-use" testing. For laser diecutability, please check with your equipment manufacturer.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	7.5	
Film	2.0 +/- 10%	51
Adhesive	1.9-2.1 +/- 0.1 (3)	48-53
Liner	3.1 +/- 10%	79

Test Method: ASTM D 3652 (Modified for use with non-tape products)



Flexcon® NexGen™ SMP606H

2.0 Mil Gloss Topcoated Silver Matte Polyester for Oily and Rough Textured Surfaces - Roll Form
FLX068716

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic	122	1342
Stainless Steel	87	957
Glass	107	1177
Polypropylene	36	396
Aluminum	102	1122

Test Method: ASTM D 903 (Modified for 72 hour dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	1650	ASTM D 2979
Expected Exterior Life	Two years	
Additional Information		
Service Temperature	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% RH	

Product Performance and Suitability

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.