



# Flexcon® NexGen™ CP606HS

Gloss Topcoated 2 Mil Clear Polyester for Oily and Rough Textured Surfaces - Permanent Adhesive - Sheet Form - UL Recognized  
FLX068696

## Benefits

- Topcoat is more universally printable than other thermal transfer printable products
- Adhesive exhibits exceptional performance on textured and uneven surfaces

## Features

- 2.0 mil clear gloss topcoated polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- 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
- 90 lb. moisture stable polycoated release liner is ideal for roll-to-sheet and sheet-form converting on most narrow-format presses

## 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              | 10.9                |         |
| Film                       | 2.0 +/- 10%         | 51      |
| Adhesive                   | 1.9-2.1 +/- 0.1 (3) | 48-53   |
| Liner                      | 6.9 +/- 10%         | 175     |

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

Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Acrylic            | 122           | 1342  |
| Stainless Steel    | 87            | 957   |
| ABS                | 81            | 891   |
| 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.