

Consumer Durables

Exterior Durable Gloss Topcoated Frosty Clear Polypropylene -
Roll Form

End Use Applications:

*Compliance Labels
Warning & Instructional Labels
Nameplates
Brand Identity Labels*

Markets including:

*Appliance
Automotive
Heavy/Outdoor Equipment
Industrial/Manufacturing
Power Equipment*

*For more information on
FLEXcon's
pressure-sensitive film
solutions for Consumer
Durables and more, contact
your local Sales
Representative or our
Product Identification
Business Team at (508)
885-8300.*

Product ID #: FLX068543



Product: **Flexcon® NexGen™ CPP344**

Benefits:

- Gloss topcoated 4.0 mil frosty clear polypropylene (alternative to vinyl) provides consistent surface smoothness and excellent dimensional stability
- Printable via resin & wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; laser (toner); and narrow-format UV inkjet
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- Backed with a 50 lb. bleached kraft release liner made from up to 30% post-consumer waste, ideal for roll form converting
- Five year outdoor durability based on 2500 hrs. Xenon Arc
- 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

All narrow-format UV inkjet systems are different; therefore, we recommend "fit-for-use" testing.

For laser diecutability, please check with your equipment manufacturer.

Flexcon® NexGen™ CPP344

| PRODUCT DATA | VALUE | TEST METHOD |
|---------------------------------|--|-----------------------------|
| Physical Properties | | |
| Thickness (Mils[microns]) | Film | 4.0 (102) +/- 10% |
| | Adhesive | 0.9-1.0 (23-25) +/- 0.1 (3) |
| | Liner | 3.1 (79) +/- 10% |
| Dimensional Stability (%) | MD | 0.65 |
| | TD | 0.50 |
| Adhesion Properties | | |
| Ultimate Peel from | Average | |
| | Oz/In | (N/m) |
| | Acrylic | 82 (902) |
| | Glass | 75 (825) |
| | Painted Metal | 72 (792) |
| | Polyester | 56 (617) |
| | Polyethylene | 21 (231) |
| | Polypropylene | 37 (407) |
| | Powder Painted Acrylic | 56 (616) |
| | Powder Painted Epoxy | 62 (682) |
| | Powder Painted Polyester | 62 (682) |
| | Powder Painted Polyurethane | 69 (759) |
| | Stainless Steel | 73 (803) |
| | Expected Shear | |
| Room Temp (hours) | 10 | |
| Tack (gm/sq cm) | 750 | ASTM D 2979 |
| Expected Exterior Life | Five years based on 2500 hrs. Xenon Arc | |
| Service Temperature Range | -40°F to 212°F (-40°C to 100°C) | |
| Minimum Application Temperature | 50°F (10°C) | |
| Storage Stability | Two years when stored at 70°F (21°C) and 50% relative humidity | |

Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of Flexcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by Flexcon. All purchasers of Flexcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of Flexcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

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