

Consumer Durables

Exterior Durable Gloss Topcoated White Polypropylene -
Sheet 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 #: FLX068532



Product: **Flexcon® NexGen™ WPP344S**

Benefits:

- Gloss topcoated 4.0 mil white polypropylene (vinyl alternative) 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
- 90 lb. moisture stable polycoated release liner is ideal for roll-to-sheet and sheet-form converting on most narrow-format presses
- 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™ WPP344S

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	4.0 (102) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.9-1.0 (23-25) +/- 0.1 (3)	
	Liner	6.9 (175) +/- 10%	
Dimensional Stability (%)	MD	0.65	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
	TD	0.50	
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)	
Acrylic	73	(803)	
Glass	69	(759)	
Painted Metal	36	(396)	
Polyester	53	(583)	
Polyethylene	26	(286)	
Polypropylene	11	(121)	
Powder Painted Acrylic	53	(583)	
Powder Painted Epoxy	60	(660)	
Powder Painted Polyurethane	67	(737)	
Stainless Steel	66	(726)	
Expected Shear			ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	15		
Tack (gm/sq cm)	730		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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