

# Consumer Durables

## Print-Receptive White Vinyl - 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 #: FLX068721*



**Product:** Flexcon® NexGen™ WV344S

**Benefits:**

- Print-receptive 4.0 mil white flexible vinyl provides consistent surface smoothness, excellent dimensional stability, and conformability
- This is a plasticized film, please expect to experience a "learning curve" when printing this film. We recommend fit-for-use testing.
- Compatible with most conventional and UV ink systems (we recommend evaluating the intended ribbon and ink system for compatibility with the product under the application conditions)
- In most cases, corona treatment is not required
- 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
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Printing Materials - Component
- cUL recognized under UL File No. PGGU8.MH10170 - 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.

# Flexcon® NexGen™ WV344S

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	3.5 (89) +/- 10%
	Adhesive	0.9-1.0 (23-25) +/- 0.1 (3)
	Liner	6.9 (175) +/- 10%
Dimensional Stability (%)	MD	0.75
	TD	0.75
<b>Adhesion Properties</b>		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
ABS	85 (935)	
Acrylic	69 (759)	
Acrylic Powder Paint	72 (792)	
Aluminum	99 (1089)	
Epoxy Powder Paint	73 (803)	
Fiberglass	67 (737)	
Glass	64 (704)	
HDPE	53 (583)	
Painted Metal	57 (627)	
Polycarbonate	96 (1056)	
Polyester	101 (1111)	
Polyester Powder Paint	59 (649)	
Polypropylene	24 (264)	
Polyurethane Powder Paint	77 (847)	
Stainless Steel	101 (1111)	
Styrene	72 (792)	
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)	750	ASTM D 2979
Expected Exterior Life	Five years based on 2000 hrs Xenon Arc	
Service Temperature Range	-40°F to 176°F (-40°C to 80°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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