

# Consumer Durables

## Gloss Topcoated White Vinyl - 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 #: FLX068961*



**Product:** Flexcon® NexGen™ WV778

**Benefits:**

- Gloss topcoated 4.0 mil white flexible vinyl provides consistent surface smoothness, excellent dimensional stability, and conformability
- Coated with 1 mil of L-778, high-performance modified acrylic pressure-sensitive adhesive which is the most aggressive adhesive for low surface energy plastics
- Permanently bonds to a variety of low surface energy plastics, painted metal, powder coated paint, polycarbonate, and fiberglass
- Adhesive eliminates the need to prime or flame treat the surface of TPO plastics
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; laser (toner); and narrow-format UV inkjet
- Backed with a 50 lb. bleached kraft release liner made from up to 30% post-consumer waste, ideal for roll-form converting
- Liner is suitable for optical sensing on most thermal transfer printers
- 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™ WV778

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	3.5 (89) +/- 10%
	Adhesive	1.0-1.1 (25-28) +/- 0.1 (3)
	Liner	3.1 (79) +/- 10%
Dimensional Stability (%)	MD	1.00
	TD	0.75
<b>Adhesion Properties</b>		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
Acrylic	76 (836)	
Acrylic Powder Paint	78 (858)	
Epoxy Powder Paint	83 (913)	
Fiberglass	74 (814)	
Glass	78 (858)	
Melamine	73 (803)	
Polycarbonate	81 (891)	
Polyester Powder Paint	80 (880)	
Polypropylene	72 (792)	
Polyurethane Powder Paint	80 (880)	
Stainless Steel	78 (858)	
TPO	72 (792)	
Expected Shear		
Room Temp (hours)	5	
Tack (gm/sq cm)	700	ASTM D 2979
Expected Exterior Life	Two years	
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature	32°F (0°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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