Durable Goods and Equipment Labeling

Gloss Topcoated Silver Matte Polyester - Universally Printable

End Use Applications:
Compliance Labels
Warning & Instructional Labels
Nameplates
Brand Identity Labels

For Durable Goods including:
Outdoor Power Equipment
Power Tools
Appliances
Electronics
Recreational Vehicles
Sporting Equipment
Industrial Equipment...and more

For Transportation including:
Automotive
Aerospace
Heavy Equipment

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

Product ID #: FLX054110



Product:

Flexcon® ThermlFilm® NexGen™ 23120

Benefits:

- 2.0 mil gloss topcoated silver polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat is more universally printable than other thermal transfer printable products
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; and UV inkjet
- High-performance 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
- Liner is suitable for optical sensing on most thermal transfer printers
- UL recognized under UL 969 - UL File No. PGJI2.MH16635 Printing Materials - Component
- cUL recognized under UL File No. PGJI8.MH16635 - Printing Materials Certified for Canada - Component - under CAN/CSA standard C22.2, No. 0.15
- CSA accepted under CSA File No. 99214
- Order custom widths without purchasing a whole master through Flexcon® FlexChoice™ for Durables

FLEXcon 1 FLEXcon Industrial Park, Spencer, MA 01562-2642, Telephone (508) 885-8300 FAX (508) 885-8301 www.FLEXcon.com

Flexcon®
ThermlFilm® NexGen™ 23120

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)	
	Liner	3.1 (79) +/- 10%	
Dimensional Stability (%)	No Shrinkage Observed		Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)	
Acrylic	77	(847)	
Acrylic Powder Paint	58	(638)	
Epoxy Powder Paint	62	(682)	
Glass	68	(748)	
Painted Metal	64	(704)	
Polyester	55	(605)	
Polyester Powder Paint	50	(550)	
Polypropylene	15	(165)	
Polyurethane Powder Paint	67	(737)	
Stainless Steel	55	(605)	
Expected Shear			ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	30		
Tack (gm/sq cm)	1030		ASTM D 2979
Expected Exterior Life	Two years		
Service Temperature Range	-40°F to 302°F (-40°C to 150°C)		
Minimum Application Temperature	50°F (10°C)		
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative		

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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