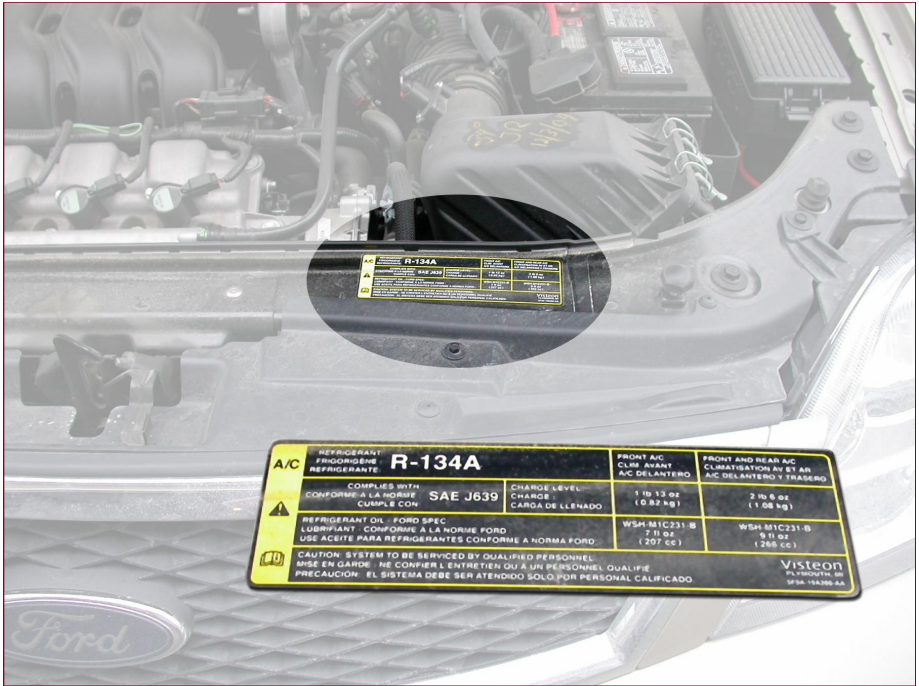


Automotive Underhood - Warning/Instructional Marking

Gloss Topcoated Clear Polyester Sheet - Conventional Printing

Automotive warning and instructional labels contain critical information about the mechanical and electrical components under the hood of a vehicle. The labels provide instruction on proper use as well as the hazards associated with improper use. It is crucial that the information conveyed on these important labels remain legible for the life of the product.

Pressure-sensitive films are ideal because they can withstand a variety of temperature extremes and challenging environmental conditions. Additionally, they provide excellent printability while keeping the label intact and legible. Film also provides good resistance to the abrasion that occurs during product assembly, shipment, and use. Pressure-sensitive adhesives are specially formulated to securely bond to a large variety of challenging surfaces. To prevent product misuse and consumer liability, look no further than pressure-sensitive films and adhesives to protect your brand identity. **For more information on FLEXcon's pressure-sensitive film solutions for warning/instructional markings, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.**



Product:

DPM® Poly Clear Sheet

Benefits:

- 2.0 mil clear polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Print-receptive surface is compatible with most conventional and UV ink systems (we recommend evaluating the intended ink system for compatibility with the product under the application conditions)
- Permanent pressure-sensitive acrylic adhesive bonds well to low- and high-surface energy plastics, metal and paint
- High shear and high peel adhesive resists cold flow and oozing
- Backed with a layflat 90 lb. moisture stable polycoated release liner ideal for sheet-form converting
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- CSA accepted under CSA file no. 99214



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DPM® Poly Clear Sheet

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%
	Adhesive	0.9-1.0 (23-25) +/- 0.1 (3)
	Liner	6.9 (175) +/- 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)	
ABS	60 (660)	
Acrylic	68 (748)	
Acrylic Powder Paint	47 (517)	
Aluminum	54 (594)	
Epoxy Powder Paint	62 (682)	
Glass	56 (616)	
HDPE	32 (352)	
Painted Metal	49 (539)	
Polycarbonate	58 (648)	
Polyester	87 (957)	
Polyester Powder Paint	15 (165)	
Polypropylene	12 (132)	
Polyurethane Powder Paint	54 (594)	
Stainless Steel	55 (605)	
Styrene	54 (594)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	25	
Tack (gm/sq cm)	360	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 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.

Last Modified On: 11/13/2009



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