

Sporting Goods - Helmet Decals

Soft Flexible Clear Vinyl

Add a touch of style to your helmet with up-to-the-minute helmet graphics, designs, and shield decals. Users now have the opportunity to express their personality or perhaps their loyalty to a favorite team through stylish graphics. Highly conformable to the challenging and ever-changing helmet shapes, this product has the ability to adhere to curved compound surfaces and rivets without lifting. The adhesive forms a permanent bond to the helmet surface and withstands exposure to the elements. If you're looking for a solution that will allow you to frequently update the look of your helmet with style and ease, pressure-sensitive film is the answer.

For more information on FLEXcon's pressure-sensitive film solutions for helmet decals, contact your local Sales Representative or our Product Branding Business Team at (508) 885-8370.

Product ID #: FLX000298



Product:

Flexcon®
ConformCal™ V 400 F SC
V-29 90 PFW

Benefits:

- 3.5 mil gloss flexible soft crystal clear vinyl film provides excellent conformability for compound curved surfaces
- Printable via UV and solvent screen, and solvent flexo
- Permanent acrylic adhesive bonds well to high-surface energy plastics
- 90 lb. moisture stable polycoated layflat release liner ideal for sheet and roll-to-sheet converting

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PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	3.5 (89) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	1.0-1.1 (25-28) +/- 0.1 (3)	
	Liner	6.9 (175) +/- 10%	
Dimensional Stability (%)	MD	0.75	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	60 (660)	
	Glass	54 (594)	
	Polypropylene	14 (154)	
Stainless Steel	47 (517)		
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)	500		ASTM D 2979
Expected Exterior Life	Two years		
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)		
Minimum Application Temperature	50°F (10°C)		
Storage Stability	Six months 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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