

# Sporting Goods - Helmet Decals

Topcoated Flexible Soft 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 Durable Goods, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.*

*Product ID #: FLX006451*



Product:

**Flexcon®**  
**ConformCal™ V 400 F SC**  
**TC-248 V-29 90 PFW**

Benefits:

- 3.5 mil flexible soft clear vinyl film provides excellent conformability for compound curved surface
- Printable via UV and solvent flexo
- High-performance, permanent, pressure-sensitive acrylic adhesive bonds well to base film
- 90 lb. moisture stable polycoated layflat release liner ideal for sheet and roll-to-sheet converting

# Flexcon®

## ConformCal™ V 400 F SC

### TC-248 V-29 90 PFW

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	6.9 (175) +/- 10%
Dimensional Stability (%)	MD	0.75
	TD	0.50
<b>Adhesion Properties</b>		
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.

Last Modified On: 03/17/2025

