



The Leading Sport Decal Materials  
For Digital Printing

**Material Matrix**

[www.ConvexVinyl.com](http://www.ConvexVinyl.com)

		Laminates:						Base Films and Transfer adhesives for MX, ATV and LSE plastics:							Base Films and Transfer adhesives for Football, Baseball, & Sport Helmets:											
		Convex® Gloss 4 mil Laminate	Convex® Gloss 8 mil Laminate	Convex® Gloss 20 mil Laminate	Pro-Shield™ Gloss 7 mil Laminate	Pro-Shield™ Gloss 12 mil Laminate	Stubbl™ 18 mil Textured Laminate	MotoWrap 2™ Gloss White	Convex® High-Bond™ Gloss White	Convex® High-Bond™ Matte White	Convex® High-Bond™ Gloss Clear	PitBull MX™ 5 mil Gloss White	Convex® Clear Reverse Print 18 mil	Big Dog™ Clear Reverse Print 20 mil	Convex® Clear Reverse Print 18 mil	High-Bond™ Clear transfer adhesive	High-Bond™ White transfer adhesive	Convex® GearWrap™ White 4 mil	Convex® GearWrap™ Clear 4 mil	Convex® GearWrap™ White 8 mil	Convex® GearWrap™ Clear 8 mil	Convex® Clear Reverse Print 18 mil	Big Dog™ Clear Reverse Print 20 mil	K9™ Clear 2 mil Transfer Adhesive	3M Clear 5 mil Transfer Adhesive	
<b>STOCK SIZES:</b> Length (inches/centimeters) <i>rounded</i> Width (yards) Custom "Trim-to-Sizes" available.	12"/30.5cm	50						50	50									50								60
	13"/33.0cm	50/10	50/10	25/10	50/10	50/25/10	20								50	50/25/10										100/50/10
	15"/38.1cm							50/10	50/10	50/10	50/10	50/10	**25/10					50/10	50/10	50/10	50/10		**25/10			
	20"/50.8cm	50/10	50/10		50/10	50/25/10	20	50/10	50/10	50/10	50/10															
	24"/61.0cm	50/10	50/10		50/10	50/25/10			50/10																	
	27"/68.6cm		50/10		50/10	50/25/10	20						25/10				50/25/10						25/10			
	30"/76.2cm	50/10	50/10	25/10		50/25/10		50/10	50	50/10	50	50/10						50/10								
	39"/99.0cm	50	50		50	50	20			50		50														
	48"/121.9cm	50	50		50	50				50																
	54"/137.2cm	50	50/25/10	25/10	50	50/25/10	20	50	50	50/10		50							Call							
60"/152.4cm	Call	Call	25/10		Call		50	50	50	50	50							Call								
<b>Material Characteristics:</b>	Made for Thermal printing							•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	
	Made for Solvent/EcoSol printing							•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	
	Impact resistant/most pliable	•	•	•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Impact/Abrasion resistant/harder				•	•	•																			
	2 YR UV Durability	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	5 YR UV Durability									•																
	Clear	•	•	•	•	•	•				•		•	•	•	•			•	•	•	•	•	•	•	•
	White							•	•	•		•					•		•	•						
	Gloss/Semi Gloss				•		•	•				•							•							
	High Gloss - *Wet look™	•	•	•		•				•		•		•	•				•	•	•	•	•	•	•	•
Matte									•																	
Thickness with PSA, mil/micron	5/125	9/225	20/500	7/175	14/350	20/500	4/100	6/250	6/250	6/250	5/125	18/450	20/500	2/50	7/175	4/100	5/125	9/225	9/225	18/450	20/500	2/50	5/125			

Please read the Material Characteristic Sheet provided in each box of material. The user of these materials is responsible for independently testing the material's suitability for the application in which it is intended to be used.

Pro-Shield laminates are recommended for application using a heat gun to aid in softening and molding the graphics to complex curved shapes. Do not store Convex materials in temperatures above 75 degrees F. Doing so may cause accelerate migration of plasticizers in the soft films into the adhesive, possibly weakening the bond. Do not oversaturate colors when using solvent based ink jets to print. Doing so may cause solvents to reside in the film and outgas into the adhesive resulting in a weaker bond.

\*Both Convex and Pro-Shield laminates are put through a special high gloss process to give your graphics a premium Wet Look. \*\*Bulk Packs are available. Laminated Graphics will take on the Gloss level of the laminate.