

CAST MEDIA WITH AN ADHESIVE BITE!

Sky-high temps are common in the desert – Pitbull Cast keeps on biting!

PRODUCT INFORMATION

Pitbull™ Cast

Performance Cast Film

Pitbull™ Cast doesn't shy away from a fight. While other vinyl films release quickly when confronted by the elements, Pitbull Cast stands its ground while maintaining its adhesive bite longer and outlasting the competition. Call on this UV-durable media to produce outdoor signs and decals that weather the test of time, up to 10 years; doubling the average 5-year life of other cast-vinyl products.

Shrink-resistant Pitbull Cast is also a block-out film, allowing you to apply it over existing markings and block them from being seen. Compatible with Gerber EDGE FX, EDGE II, EDGE I, HP Latex, UV, and Eco-Solvent printers, and designed for smooth cutting on any roll-fed or flatbed plotter.

Give outdoor signs and decals the strength they need to last twice as long!

Skip the choice and get both: protect Pitbull Cast with **Tuff-Cover™** for UV and chemical resistance, plus **CONVEX® Supreme** cast laminate for fuel splash resistance and performance in cold and extreme heat environments.

NOTABLE QUALITIES

BITES AND WON'T LET GO
Aggressively adheres to surfaces up to 10 years under the harshest conditions.

RESISTS SHRINKING & WRINKLING
Maintains its dimensions longer to prevent oozing and dirty edges.

BLOCKS OUT SURFACE
Non-transparent backing prevents surface from showing through.

SMOOTH CUTTING
Designed for smooth cutting with any roll-fed or flatbed plotter.

GRAPHIC Marking Systems

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General Description: White, soft, flexible cast vinyl with a grey "block out" backing and an extremely aggressive permanent adhesive suited for hard-to-stick-to surfaces including thermoplastic olefin. This vinyl is formulated for thermal and eco-solvent inkjet printing. Recommended laminate – SPF™ 7 2 mil cast vinyl laminate.

PRODUCT SPECIFICATIONS

TECHNICAL PROPERTIES:

Thickness: 2 mil vinyl with 1 mil of adhesive

Outdoor Life: Up to 10 years

Shelf Life: 2 years stored at 70° F & 50% RH

Adhesive Properties: 1 mil permanent acrylic

Service Temperature Range: -40° F to 176° F

(-72°C to 41°C)

Minimum Application Temperature: 50° F (10°C)

RECOMMENDED APPLICATION TECHNIQUES:

Pitbull is ideal for LSE applications such as pelican cases and motorsport vehicles. When applying to curved smooth surfaces such as MX bike plastics, clean the plastic with alcohol or acetone to remove any "silicone" mold residue from the plastic. Due to the aggressiveness of the adhesive, wet application techniques may be preferred. If you are laminating with Pro-Shield™ laminate, use the aid of a heat gun to get the finished graphic to conform to complex curved shapes. Pitbull vinyl may not remove cleanly from surfaces.

All of the descriptive information listed above is our recommendation only. This information does not suggest or constitute a written or verbal warranty or guaranty of any kind by the manufacturer or distributor of this product. Purchasers of this product shall be responsible for independently determining the suitability of the material for the intended application.

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CHOOSE THE RIGHT MATERIAL FOR YOUR APPLICATION

SURFACE TESTED		MATERIAL	
		Pitbull Cast Vinyl	3M 3690
Acrylic	Peel Strength* Test Results	83	59
Aluminum		84	58
Glass		85	58
Polyethylene		83	42
Polypropylene		81	42
Powder Paint		86	44
Stainless Steel		100	61
Totals:		602	364

Shear** (hours)	100	61
Tack***	602	364

Note: Blind comparison tests were performed on three samples of each product for the best average of results.

* Peel strength is measured by pulling the test sample directly away from the panel it is affixed to, at a 90° angle.

** Shear is measured by affixing the test sample onto the panel vertically and hanging a weigh on it. We let gravity do the work and measure the time it takes to shear off the surface. Hanging pictures is a good example of a need for a high-shear adhesive.

*** Tack is the measurement of the "stickiness" of the adhesive. Most people use their thumbs for that test. Usually thicker adhesive equates to a tackier feel.

