

TUFF-COVER™

9+ YEARS
UV LAMINATE



PRODUCT INFORMATION

Get rugged protection for your signs, labels, and overlays with **TUFF-COVER** laminate!

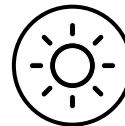
This industrial laminate will protect your graphics from the harshest conditions and elements, including extreme weather and chemicals—even acid. It preserves the color for up to 9+ years and has double the UV blocking power.

Experience the all-encompassing protection of TUFF-COVER across a wide range of materials, including polyester, adhesive vinyl sheeting, thick vinyl, and PSA vinyl. No matter what material you're using, TUFF-COVER provides the ultimate protection for labels, decals, graphics, signage, and pictures, whether it's polyester, polycarbonate, adhesive vinyl sheeting, or PSA vinyl."

Trusted by military contractors, OEMs, and many others, TUFF-COVER provides unmatched durability, safeguarding your materials with confidence. Order today and experience complete protection for polyester and vinyl.

Toughen up your materials with **TUFF-COVER** for ultimate durability. It's versatile, reliable, and built to last!

NOTABLE QUALITIES



UV RESISTANT

Ensures the vibrant colors of your signs and labels remain intact and for up to 9 years, maintaining their quality and visual appeal over time.



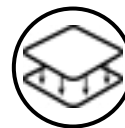
CHEMICAL RESISTANT

Withstands almost anything you throw at it, enduring exposure to bleach, a variety of cleaners, gasoline, oil, and acid. It ensures durability and resilience under the most challenging conditions.



SCRATCH & CRACK RESISTANT

Protects against abrasion and the elements so graphics remain readable.



STICKS TO EVERYTHING

Experience complete protection across various materials, including polyester and vinyl. It's versatile and reliable.

TUFF-COVER™

General Description: Rigid clear film with an embossed velvet texture and a clear permanent acrylic adhesive. Use for over laminating. Outdoor testing of Tuff-Cover in Arizona yielded excellent results blocking UV damage and preserving printed colors. This film also exhibits excellent resistance to petroleum, cleaning agents, and cracking (flex-stress tests) under the stress of push-button overlay applications. The UV additives inherent in the product can migrate to the surface on rare occasions. They may be visible as spots that can be wiped off with a dry cloth. We cannot accept returns if the product is rejected for that reason.

PRODUCT SPECIFICATIONS

TECHNICAL PROPERTIES:

Thickness: 8.5 mil film, plus 1.5 mil of adhesive

Outdoor Life: 9+ years, according to independent outdoor & QUV tests

Shelf Life: 9+ years stored at 70°F

Adhesive Properties: Permanent UV inhibiting acrylic pressure sensitive adhesive that works on most surfaces including most vinyl and polyesters – not recommended for direct application to low energy surfaces.

Service Temperature Range: (-40°F to 175°F)

Minimum Application Temperature: 50°F

RECOMMENDED APPLICATION TECHNIQUES:

Laminate with a cold pressure sensitive laminator or by hand. Too much reverse tension (drag) on the laminate may cause curling in the finished product.

GSP SOFTWARE SETTINGS:

Because this material is rigid, it may be better to assign "double or triple cuts" for easier cutting. To assign double or triple cuts in Gerber® Omega software, select the cutline in your application, copy and paste in back. Do that twice to get three cuts. In more recent versions of Omega, you may select double cuts or multiple cuts in the settings dialog box in the plot program. For enVision cutter settings, in Gerber's plot program, go to *cutter settings* and set the speed to 50, the *acceleration* to 66, the *force* to 50 for three cuts and 60 or more for two cuts, and *sharp corners* to 73. For best results, make some test cuts first, as the condition of your blade will make a difference.

Use a 45° blade or 60° blade on any combination of material 8 mil or thicker

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.

GMS022025 GRAPHIC MARKING SYSTEMS