



Griffolyn®Type 90VCI is a reinforced 5-Ply laminate that provides exceptional tear resistance and outdoor weathering with the additional benefit of anti-corrosive prosperities. The inner layer is blended with a volatile corrosion inhibitor which protects both coated and uncoated ferrous metal surfaces while the outer layer is UV stabilized for a long life expectancy outdoors. The middle layer provides additional abrasion and puncture resistance to maintain the integrity of protection in rugged applications. The two reinforcing grids provide a uniform loading resistance in all directions and contain at least 100 strands per square foot. It is specifically engineered to provide high strength and durability in a lightweight material.

PHYSICAL PROPERTIES AND TYPICAL VALUES

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Weight	D-3776	50 LB/1000 FT ²	24.4 KG/100 M ²
Thickness	D-2103	12.2 MIL	.31 MM
3" Load @ Yield	D-882	170 LBF	756 N
3" Load @ Break	D-882	62 LBF	276 N
		1650 PSI	11.4 MPA
Tongue Tear	D-2261	35 LBF	156 N
Trapezoidal Tear	D-4533	44 LBS	196 N
Dart Impact Strength	D-1709 A	2.3 LBS	1.04 KG

FEATURES

- Multiple layers and cord reinforcement resist punctures and tears,
- Long life expectancy allows for significant cost savings through reuse and lower replacements
- VCI's volatile corrosion inhibitors provide protection for corrosion sensitive equipment, parts or inventory.
- Long outdoor life expectancy allows for significant costs savings through reuse and lower replacements.
- UV stabilization protects the material from degradation during extended exposure to sunlight.
- Cold-crack resistance to remain flexible in cold temperatures.
- Custom fabrication and printing are available to meet your exact requirements.

The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, expressed or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.

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SUGGESTED APPLICATIONS

- Long range outdoor storage protection
- Pallet and Drum Covers
- Reusable parts bags
- Packaging tubing
- Shipping Covers
- Equipment covers.
- Corrosion protection.

ORDERING INFORMATION

AVAILABLE COLORS:

White

SIZES:

Standard rolls from 4' x 100' to 40' x 100' in increments of 4' widths are available for immediate shipment. Standard length and width tolerances are $\pm 1\%$ (minimum 2")

Custom sizes up to 100' x 100' and custom fabrication are available to meet your exact specifications.

Bags from 7" x 15" up to 44" x 74"

Tubing in rolls or sections for irregular lengths

USABLE TEMPERATURE RANGE:

Minimum: -40°F -40°C

Maximum: 170°F 77°C

OUTDOOR EXPOSURE

Under normal continuous exposure the average life expectancy ranges from 30 to 48 months, depending on color.

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