

TECHNICAL DATA SHEET



**DESCRIPTION**

Griffolyn™ Griff-Shrink 5-Ply VCI is a reinforced 5-Ply heat shrinkable laminate that provides exceptional tear resistance and outdoor weathering with the additional benefit of anti-corrosive properties. The inner layer is impregnated 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	51 LB/1000 FT <sup>2</sup>	25 KG/100 M <sup>2</sup>
3" Load @ Yield	D-882	175 LBF	778 N
3" Load @ Break	D-882	87 LBF	387 N
		2400 PSI	17 MPA
3" Elongation @ Break	D-882	50%	50%
Tongue Tear	D-2261	10 LBF	45 N
Trapezoidal Tear	D-4533	35 LBS	156 N
Dart Impact Strength	D-1709 A	3.1 LBS	1.4 KG
PPT Resistance	D-2582	36 LBF	160 N

**FEATURES AND BENEFITS**

- Griff-Shrink™ combines the strength of reinforced Griffolyn® materials with the properties of shrink wrap to cut the costs of conventional product packaging, shipping and storage problems.
- High Strength cord reinforcement resists tears and punctures.
- UV stabilization protects the material from degradation during extended exposure to sunlight and weather.
- VCI inhibits corrosion on metal and corrosion prone materials.
- Cold-crack resistance provides protection in extremely cold temperatures.
- Low permeability provides moisture and vapor barrier performance.
- Flexibility and light weight allow for easy handling and quick installation.
- Custom fabrication is available to meet your exact specifications.

**MORE** ▶▶

**OUR CUSTOMERS DON'T JUST** *cover their business,*  
**▶ THEY PROTECT IT**



## FEATURES AND BENEFITS *(continuing)*

- Can be fabricated in the field.
- Protects the largest shipments.
- Provides cost savings by eliminating secondary cleaning operations.
- On site sealing allows quick field fabrication.
- Logo and name printing available.

## SUGGESTED APPLICATIONS

- Shipping covers and Industrial packaging
- Long range outdoor storage protection
- Pallet and Drum Covers
- Reusable parts bags
- Tubing for packaging
- Equipment covers

## ORDERING INFORMATION

### AVAILABLE COLORS:

White, effectively reduces condensation and moisture build up.  
Clear for product identification.

### SIZES:

Custom fabrication is available to meet your exact specifications. Specify (length x width x height) for preformed bags or (length x width) for cut flat sheets.

Custom sizes and custom fabrication are available to meet your exact specifications to include layflat bags, tubing and 3 dimensional shapes.

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.



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