



# MidSouth PACKAGING INC.

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## UNIWRAP® 94 MPI WOVEN UW94MPI Woven

### PRODUCT DESCRIPTION

A 40 lb./ream (65 g/m<sup>2</sup>) natural kraft, laminated with a 1 mil white poly to a 5 x 3 woven polypropylene fabric and saturated one side with Daubert Cromwell's multi-metal Uniwrap® MPI volatile corrosion inhibitor (VCI) formulation. Designed for protecting ferrous/non-ferrous metals combinations where excellent strength and moisture resistance is required.

### PHYSICAL PROPERTIES

<u>Property</u>	<u>Units</u>	<u>Typical Value</u>		<u>Test Method</u>
Basis Weight	lb./ream (g/m <sup>2</sup> )	88 (142.6)		T-410
Caliper	mil (µm)	8.0 (203)		T-411
Mullen Burst	psi (kPa)	105 (724)		T-403
		<u>MD</u>	<u>CD</u>	<u>Test Method</u>
Tensile Strength	lb./in (kN/m)	55 (9.63)	26 (4.56)	T-404

### INHIBITOR PROTECTION

Classified as six months protection when stored outside and properly protected from moisture and other environmental elements; 24 months minimum, inside dry storage.

#### Metal

Mild Carbon Steel, Cast Iron

Aluminum

Stainless steel, all grades

Zinc or Zinc Galvanized Steel

Copper

Brass<sup>1</sup>

Bronze

Silver

#### Corrosion Protection

Provides protection in contact and vapor phases.

Passive. Good protection in contact phase. Test for compatibility.

Provides protection in contact and vapor phases.

Provides protection in contact and vapor phases.

Provides protection in contact and vapor phases.

May protect. Test for compatibility.

May protect. Test for compatibility.

Not recommended<sup>4</sup>. Silver Saver<sup>®</sup> recommended

MetalCategory A<sup>2</sup>Category B<sup>3</sup>Corrosion Protection

May protect; Test for compatibility.

May protect; Test for compatibility.

- 1 Brass alloys in the "red" area containing up to 20% zinc will act like copper; brass in the "white" area containing over 20% zinc and will act like Category A metals.
- 2 Category A metals include zinc, cadmium, nickel, cadmium-plated steel, and nickel-plated steel. These are prone to contact corrosion sensitivity with inhibitor chemicals, but will be protected as shown in the vapor phase.
- 3 Category B metals include lead, antimony, babbitt alloys, solder, magnesium or magnesium alloys.
- 4 "Not recommended" does not indicate incompatibility. Compatibility testing is always recommended. Our "not recommended" rating indicates that there may be more effective Daubert Cromwell products for these applications. Your sales representative can help recommend the optimal product for specific applications.

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e data, statements and recommendations in this product information sheet are based on testing, research and other development work, which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. Physical properties shown above represent typical values and are not intended for use in writing specifications. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and use.

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