

Distributed by KPR Adcor Inc.
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Email: kpr@corrosionvci.com**UNIWRAP® A****PC50A Scrim****PRODUCT DESCRIPTION**

A 50 lb./ream (81 g/m²) natural kraft coated with 1 mil of white low-density polyethylene reinforced with tridirectional scrim. The paper is saturated with Daubert VCI's multi-metal Uniwrap® A volatile corrosion inhibitor (VCI) formulation. Designed for protecting ferrous/non-ferrous metals combinations, PC50A Scrim is specially useful as sheeting material for interleaving between pallets and heavy steel rolls. It can also be used when the application requires higher strength and barrier properties than standard VCI coated kraft paper. For even higher strength, request UW94A.

PHYSICAL PROPERTIESCoating Deposition: 7.5 lb./ream (12 g/m²) minimum

| <u>Property</u> | <u>Units</u> | <u>Typical Value</u> | | <u>Test Method</u> |
|------------------------|------------------------------|-----------------------------|------------------|---------------------------|
| Basis Weight | lb./ream (g/m ²) | 80 (130) | | T-410 |
| Caliper | mil (µm) | 12 (305) | | T-411 |
| Mullen Burst | psi (kPa) | 52 (359) | | T-403 |
| | | <u>MD</u> | <u>CD</u> | <u>Test Method</u> |
| Elmendorf Tear | g/ply (mN/ply) | 289 (2835) | 299 (2933) | T-414 |
| Tensile Strength | lb./in (kN/m) | 42 (7.36) | 14 (2.45) | T-494 |

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**Corrosion Protection**

Mild Carbon Steel, Cast Iron

Provides protection in contact and vapor phases.

Aluminum

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

UNIWRAP[®] A

PC50A Scrim

Metal

Corrosion Protection

| | |
|-------------------------------|--|
| Zinc or Zinc Galvanized Steel | Provides protection in contact and vapor phases. |
| Copper | Provides protection in contact and vapor phases. |
| Brass ¹ | May protect. Test for compatibility. |
| Bronze | May protect. Test for compatibility. |
| Silver | Not recommended ⁴ . Silver Saver [®] recommended |
| Category A ² | May protect; Test for compatibility. |
| Category B ³ | 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 VCI[®] products for these applications. Your sales representative can help recommend the optimal product for specific applications.

The 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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