DAUBERT CROMWELL
The Leading Name in Corrosion Prevention®

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*Technical Data*

# UNIWRAP® 60 PCMPI

## PRODUCT DESCRIPTION

A 60 lb./ream (98 g/m$^2$) poly-coated natural kraft saturated with Daubert Cromwell multi-metal Uniwrap® MPI volatile corrosion inhibitor (VCI) formulation. Designed for protecting ferrous/non-ferrous metals combinations including cadmium and zinc galvanized steel

## PHYSICAL PROPERTIES

| Property | Units | Typical Value | Test Method |
|---|---|---|---|
| Basis Weight | lb./ream | 78 | T-410 |
| Caliper | mil | 7.3 | T-411 |
| Mullen Burst | psi | 47 | T-403 |

| | | MD | CD | Test Method |
|---|---|---|---|---|
| Elmendorf Tear | g/ply | 154 | 161 | T-414 |
| Tensile Strength | lb./in | 44 | 26 | 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 | Corrosion Protection |
|---|---|
| Mild carbon steel and cast iron | Provides full protection in contact and vapor phases |
| Aluminum | Passive; Test for compatibility |
| Zinc and zinc galvanized steel | Provides full protection in contact and vapor phases |
| Copper | Provides full protection in contact and vapor phases |
| Brass[1] | Provides full protection in contact and vapor phases |
| Bronze | Provides full protection in contact and vapor phases |
| Silver | May protect; Test for compatibility |
| Category A[2] | Provides full protection in contact and vapor phases |
| Category B[3] | May protect; Test for compatibility |

## UNIWRAP® 60 PCMPI

## UW60PCMPI

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.

8/2009 JMB

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.

WARRANTY – All products manufactured by us are warranted to be first class material and free from defects in material and workmanship.
Liability under this warranty is limited to the net purchase price of any such products proven defective or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other material and products.

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THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND NO REPRESENTATIVE OF OURS OR ANY OTHER PERSON IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS.