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# Technical Data

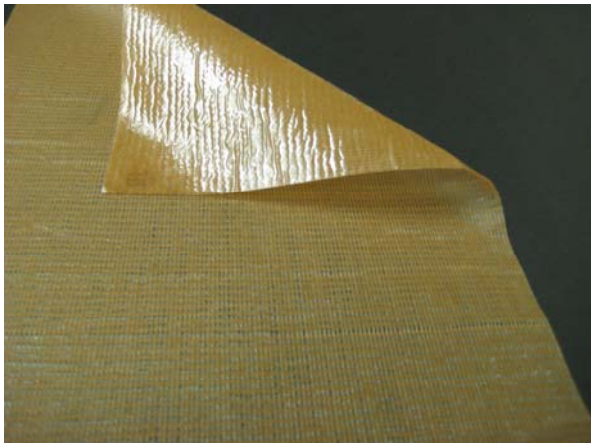
## Versil-Pak 3-1

**Flexible, Greaseproof, Waterproof Barrier Material**

(Conforms to Mil Spec MIL-B-121)

## Product Description

**Versil-Pak 3-1** is a protective packaging material that combines a highly formulated adhesion wax and polyester with a medium weight cotton fabric. The wax and poly provide barrier properties while the fabric allows ease of handling. It is especially suited for hand wrap applications, in the field.



Versil-Pak provides corrosion, abrasion and impact protection. Standard rolls are 36" x 50 and 100 yards. Other sizes are available upon request.

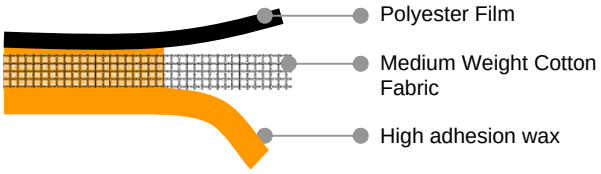
**Versil-Pak #3-1** conforms to the Army Navy specification JAN-B-121, Grade C, Type II, Class I.

## Applications

**Versil-Pak** protects industrial plant piping where corrosive action is prevalent or where conditions are extremely severe. This includes air lines, sprinkling system piping, cold water pipe, gas pipe, and all other metal tubes.

## Construction

Medium Weight Cotton Fabric core provides high-strength and a light-weight carrier of the protective wax.




High adhesion wax assure excellent barrier and is treated with fungicides to help reduce antimicrobial induced corrosion (MIC).

Polyester film increases barrier properties over those without.

*Optional: VCI (volatile corrosion inhibitors) provides additional corrosion protection performance. Refer to Nox-Rust® VCI Versil-Pak 3-1.*

## Benefits

- Less bulky and more efficient coverage than other petroleum wraps.
- Conforms to odd shapes and sizes.
- Barrier to contaminants even in most demanding conditions.

# Versil-Pak® 3-1

**Flexible, Greaseproof, Waterproof Barrier Material**

(Conforms to Mil Spec MIL-B-121)

## Physical Properties

Typical values and are not to be construed as specifications. If specifications are required, please discuss with your sales representative.

| Typical Physical Test Results | Typical Values | TAPPI Test Method |
|---|---|---|
| Weight, lbs./Sq.Yd. | 0.38 | T-410 |
| Thickness, mils. | 11.5 | T-411 |
| Tensile Strength, lbs./in. | | T-404 |
| Machine Direction | 16 | |
| Cross Machine Direction | 12 | |
| Bursting Strength, psi | 48 | T-403 |
| Tear Strength, Elmendorf, gms | | T-414 |
| Machine Direction | 530 | |
| Cross Machine Direction | 1180 | |

Shelf Life 5 years from date of shipping.

This shelf life statement is only valid for product stored in the original shipping container used by Daubert Cromwell or equivalent and not at high temperatures. Storage outside these conditions voids this statement.

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.

WE MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY OF ANY OF OUR PRODUCTS FOR ANY PARTICULAR USE, AND WE SHALL NOT BE SUBJECT TO LIABILITY FROM ANY DAMAGES RESULTING FROM THEIR USE IN OPERATIONS NOT UNDER OUR DIRECT CONTROL.

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.

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