



# EcoShield® Fabric, Patented



## PRODUCT DESCRIPTION

EcoShield is a multiple-layered protective fabric with a non-woven, soft inside layer. Made from low-density polyethylene tapes and extrusion laminated to the non-woven, EcoShield Fabric protects valuable items from corrosion and mechanical damage (i.e. scratching) during storage and shipment. EcoShield Fabric offers complete protection to valuable items from machinery to vehicles. Reusable and recyclable, EcoShield Fabric can be sewn to custom sizes.

EcoShield Fabric is the solution for corrosion packaging problems. Incorporating Cortec's proven Vapor phase Corrosion Inhibitors, this fabric offers multimetal protection.

## FEATURES

- Strength and tear resistance
- Can be sewn in custom sizes
- Available with zippers, velcro and elastic closures for a custom fit and reusability
- Recyclable, non-toxic and environmentally friendly

## APPLICATIONS

- Export and domestic packaging of expensive equipment
- Cars, vans, boats, trucks, motorcycles and snowmobiles
- Military equipment
- Heavy equipment and flat stack covers
- Pallet shrouds
- Precision scientific equipment
- Highly machined or polished components (crankshafts, pistons, valves, etc.)

## PACKAGING AND STORAGE

EcoShield Fabric is available in rolls or can be custom sewn to precisely fit a particular application.

EcoShield Fabric has a shelf life of 24 months.

## METALS PROTECTED

- Carbon steel
- Galvanized steel
- Stainless steel
- Copper and alloys
- Aluminum and aluminum alloys
- Silver
- Solder

## PHYSICAL PROPERTIES

EcoShield Black and EcoShield Blue

Construction (ASTM D 3775)

36 tapes/10 cm warp

13 tapes/10 cm weft

Unit Weight (ASTM D 3775)

4.9 oz/yd<sup>2</sup> (165 g/m<sup>2</sup>)

Tensile Grab Strength (ASTM D 1862-64)

650 newtons warp

180 newtons weft

Tear Strength\* (tongue) (ASTM D 2261-71)

160 newtons warp

180 newtons weft

Coating Thickness (ASTM D 1777 MOD)

1.5 inches (38 mm) (side 1)

1 inch (24 mm) (side 2)

Width

Up to 2,050 mm

\*Includes force to shift tapes. Tear may be crosswise to direction of force.

## FOR INDUSTRIAL USE ONLY

**KEEP OUT OF REACH OF CHILDREN**

**KEEP CONTAINER TIGHTLY CLOSED**

**NOT FOR INTERNAL CONSUMPTION**

**CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

## LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



Distributed by:

4119 White Bear Parkway, St. Paul, MN 55110 USA  
Phone (651) 429-1100, Fax (651) 429-1122  
Toll Free (800) 4-CORTEC, E-mail [info@corotecvci.com](mailto:info@corotecvci.com)  
Internet <http://www.corotecvci.com>

printed on recycled paper  100% post consumer  
Revised 1/9/13. ©Cortec Corporation 2000-2013. All rights reserved. Supersedes: 5/31/06.

Cortec®, EcoShield®, and VpCl® are trademarks of Cortec Corporation. © 2013, Cortec Corporation. All Rights Reserved. Copying of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited. ISO accreditation applies to Cortec's processes only.