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## HIGH PERFORMANCE VpCI® PACKAGING

# EcoWeave® VpCI Woven Polyethylene, Patented



### DESCRIPTION

EcoWeave is a woven polyethylene film that offers extra strength, durability, multimetal corrosion protection, reusability and recyclability. EcoWeave is the new solution for tough corrosion packaging problems. From raw materials to finished product, EcoWeave will provide the protection you need for expensive, but heavy, raw materials and finished products. It provides protection against corrosion, mother nature and traditional transit and storage damage.

Use EcoWeave for:

- Export packaging of expensive and larger equipment
- Steel sheeting and flat stock
- Steel coils
- Pallet shrouds
- Heavy equipment covers
- Heavy metal parts
- Equipment and product pouches

The real cost of packaging is the cost of the product if it's not protected from corrosion and transit damage.

EcoWeave is the answer:

- It can be custom sewn for an exact fit
- It can be wrapped around a finished product or skid of raw materials
- It's reusable over and over
- Conforms to MIL PRF-121G (Type I)
- Conforms to MIL PRF-131J (Class 1)

### ADVANTAGES

EcoWeave offers strength, tear resistance, durability and protection from corrosion. Many packaging applications require a tear resistant shroud to accommodate the sharp edges of equipment or steel coil during shipment. The woven structure of EcoWeave will help prevent damage to the shroud, thus preserving the integrity of the VpCI® protection and preventing corrosion from occurring.



Woven polyethylene is a durable, but lightweight material for all your demanding projects. It utilizes a high density polyethylene scrim as its base material and is then extrusion coated with VpCl®-126 to give it strength and the proven corrosion protection of Cortec® VpCl® film technology.

**MULTIMETAL PROTECTION**

Metal parts packaged in EcoWeave receive continuous protection against salt environments, excessive humidity, condensation, moisture, aggressive industrial atmospheres and dissimilar metal corrosion. The VpCl's vaporize and then condense on all metal surfaces in an enclosed package. EcoWeave offers complete product protection during storage, as well as domestic and overseas shipments, virtually eliminating any rust claims. EcoWeave can be custom manufactured in heavier weights to suit all shipping or storage requirements.

**PHYSICAL PROPERTIES**

Property	Unit	Values	Test Method
Unit Weight	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	3.3 (112)	ASTM D3775
Tensile Grab Strength	1 bf (N)	Warp 115 (506)	ASTM D1682-64
		Weft 80 (352)	
Tear Strength	1 bf (N)	Warp 41 (180)	ASTM D2261-71
		Weft 41 (180)	
Width	in (cm)	Up to 144 (366)	

**METALS PROTECTED**

- Carbon Steel
- Galvanized Steel
- Stainless Steel
- Aluminum
- Brass
- Copper
- Solder
- Silver

**VAPOR INHIBITING ABILITY TEST**

<b>EcoWeave</b>	Pass	No corrosion
<b>Control</b>	Fail	Corrosion

**ACCELERATED CORROSION TEST**

Wrapped panels exposed to a SO <sub>2</sub> (sulfur dioxide) environment for 24 hours		
<b>EcoWeave</b>	Pass	No corrosion
<b>Control</b>	Fail	Corrosion

**PACKAGING AND STORAGE**

Available in standard and custom sizes. Contact Cortec Customer Service for inquiries and custom requirements.

**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**

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