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HIGH PERFORMANCE VpCI® PACKAGING

EcoWeave® VpCI® Woven Polypropylene



Woven polypropylene is a durable, but lightweight material for all your demanding projects. It utilizes a high density polypropylene scrim as its base material and is then coated with a layer containing volatile corrosion inhibitors to provide the proven corrosion protection of Cortec® VpCI® film technology.

CORROSION PROTECTION

Metal parts packaged in EcoWeave® receive continuous protection against excessive humidity, condensation, moisture, and aggressive industrial atmospheres. The VpCIs 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.

DESCRIPTION

EcoWeave® is a woven polypropylene sheeting that offers extra strength, durability, 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, 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
- It can be custom sewn for an exact fit

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.

PHYSICAL PROPERTIES

Property	Test Method	Units	Value [Warp/Weft]
Unit Weight		oz/yd ² (g/m ²)	3.3 (33.9)
Elongation	ASTM D5034-09		15.3% / 15.4%
Tensile Strength	ASTM D5034-09	lb _f (N)	80.1 (356.3) / 79.6 (354.0)
Tearing Strength	ASTM D4533-15	lb _f (N)	25.5 (113.4) / 26.4 (117.3)
Burst Strength	ASTM D3787-16	lb _f (N)	79.4 (353.3)
Width		in (cm)	Up to 144 (366)

METALS PROTECTED

- Carbon Steel
- Stainless Steel
- Aluminum
- Cast Iron

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 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.

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