

## Nox-Rust® Poly Wrap

### Woven Coated Fabric with VCI



#### Product Description

**Nox-Rust Poly Wrap VCI all-poly fabric** is excellent for wrapping and protecting steel coils, steel sheeting and pallet shrouds, equipment covers, and many other applications requiring physical and corrosion protection.

The unique 100% woven polyolefin structure and special polyolefin coatings give the product superior tear strength and abrasion resistance to provide excellent protection and long-term durability. The inner surface of the fabric is impregnated with proprietary VCI (volatile corrosion inhibitor) chemistry, which keeps the metal free of rust and oxidation.

Nox-Rust Poly Wrap has a high strength-to-weight ratio and is strong and durable, so it lends itself to either automated or manual packaging processes. The fabric is flexible and folds easily, but is strong enough to withstand the stresses involved when packaging steel coils.

The tight weave construction and special impermeable poly coating on each side provide excellent protection against moisture penetration and continuous protection against moisture vapor transmission.

Nox-Rust Poly Wrap is not adversely affected by protective oil coatings on steel. A

conventional paper/scrim/poly composite can become weakened because of oil saturation at the bottom of the coil thereby increasing the chance of failure and damage.

The “all-poly” construction means that it is recyclable. Recycling used or spent packaging is a more environmentally friendly alternative to disposal in a landfill or incineration.

#### Physical Properties

*(Typical value vary by weight, not specifications)*

Property	Unit	Value	ASTM
Unit weight	g/m <sup>2</sup>	100	Tappi T-410
Tensile strength	lb/in	104 MD	D-751A
Grab		87 CD	
Tear strength	gf	2364 MD	D-1424
		4140 CD	
Mullen burst	psi	166	D-3786
Puncture strength	lbf	17	F-1306

#### Corrosion Inhibition

*(Typical results)*

Metal	Corrosion Protection
Carbon Steel	Protects in contact and vapor phase.
Aluminum	Prevents spotting and oxidation. Test for compatibility.
Galvanized	Protects in contact and vapor phase.
Copper	Protects in contact and vapor phase.
Brass/bronze	Protects in contact and vapor phase. Test for overall effectiveness.

#### Typical Applications

Ideal for domestic storage and export shipping of:

- Carbon steel
- Galvanized steel
- Silicone steel
- Stainless steel
- Aluminum
- Brass

- Copper

### **Printing Capabilities**

- Custom print available.

### **Other features**

- Lightweight
- Easy to use and handle
- Good “dead-fold”
- Resists moisture and curling
- Puncture resistant
- Protects packaged metal from temperature extremes, humidity, moisture, and atmospheres that contribute to corrosion.
- Recyclable

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