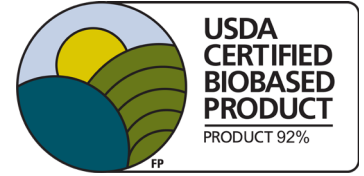




**CORTEC**  
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

**RoHS**  
COMPLIANT



## CorShield® VpCI®-147 HP with 100% Recycled Content Paper

### DESCRIPTION

CorShield® VpCI®-147 HP is high performance corrosion inhibiting paper with an extra strength dose of Cortec's patented Vapor phase Corrosion Inhibiting Technology. Both sides of CorShield® VpCI®-147 HP offer effective protection to ferrous and non-ferrous metals, eliminating the need to stock a variety of papers for different metal types. All that is needed is to wrap items in the paper and fold the edges together, using adhesive tape as needed to hold paper in place. The VpCI® coating on the paper vaporizes, reaching all metal surfaces within the package to provide complete corrosion protection with a very thin, very effective VpCI® layer that does not alter product appearance or require removal before further finishing or use. CorShield® VpCI®-147 HP is made from 100% recycled content paper and is fully recyclable/repulpable.

### PACKAGING & STORAGE

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

Shelf life: 2 years

### HIGH PERFORMANCE VPCI® PACKAGING



### FEATURES

- Contains no nitrites, phosphates, silicones, chromates, or other heavy metals
- Fully recyclable, repulpable
- Commercial equivalent to MIL PRF-3420
- Protective layer does not need to be removed prior to further surface finishing or coating application
- Does not influence physical properties of most sensitive electrical components, including conductivity and resistance

### BENEFITS

- One product for all ferrous and non-ferrous metals
- Combines corrosion protection and packaging into one step
- Effective protection on both sides of paper eliminates packaging guesswork
- Protects dry or oiled metals during storage, transit, and overseas shipment
- Effective against aggressive environments including humidity, SO<sub>2</sub>, H<sub>2</sub>S, and galvanic corrosion from dissimilar metals

### METALS PROTECTED

- Carbon Steel
- Stainless Steel
- Galvanized Steel
- Cast Iron
- Aluminum Alloys
- Copper
- Brass (≤30% Zn)
- Solder

# CorShield® VpCI®-147 HP

## TYPICAL PROPERTIES

Property	Unit	Value	
Basis Weight	lbs/3000 ft <sup>2</sup> (g/m <sup>2</sup> )	40±1.5 (65±2.5)	
Caliper	Mils (µm)	4.0±0.2 (100±5)	
Tear Strength	gms	CD*	50±5
		MD*	70±10
Tensile Strength	lb <sub>f</sub> /in (N/mm)	23 (4)	
Burst Strength (Mullen Test)	Psi (kPa)	20 (138)	

\*CD = Cross Direction

\*MD = Machine Direction

## SIZES

Standard Sizes, 35 lb/3000 ft <sup>2</sup> (57 g/m <sup>2</sup> )		
Roll Stock	Sheets	Perforated Rolls
12" x 600' (60.1 cm x 182.9 m)	4" x 8" (10.2 cm x 20.3 cm)	12" x 12" x 600' (30.5 cm x 30.5 cm x 182.9 m)
18" x 600' (45.7 cm x 182.9 m)	6" x 6" (15.2 cm x 15.2 cm)	
24" x 600' (60.1 cm x 182.9 m)	9" x 9" (22.9 cm x 22.9 cm)	
36" x 600' (91.4 cm x 182.9 m)	10" x 10" (25.4 cm x 25.4 cm)	
48" x 600' (121.9 cm x 182.9 m)	12" x 12" (30.5 cm x 30.5 cm)	
36" x 1200' (91.4 cm x 365.76 m)	16" x 16" (40.6 cm x 40.6 cm)	
	18" x 18" (45.7 cm x 45.7 cm)	
	24" x 24" (61 cm x 61 cm)	
	36" x 36" (91.4 cm x 91.4 cm)	

A wide variety of stock and custom sizes and constructions are also available upon request in 30 lb (49 g/m<sup>2</sup>), 35 lb (57 g/m<sup>2</sup>), 40 lb (65 g/m<sup>2</sup>), and 60 lb (98 g/m<sup>2</sup>) paper.

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### LIMITED WARRANTY

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