



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies



CorShield® VpCI®-146 防锈纸

可循环利用, 能生物降解, 可堆肥化, 专利申请中

产品描述

拥有Eco- Bio®技术的

CorShield® VpCI®-146防锈纸是一种性能优良的工业气相防锈纸。它依托于Cortec专利的可生物降解和可堆肥的气相防锈技术, 该技术彻底改变了金属在封闭封装中的保护方式。

CorShield® VpCI®-146防锈纸的正反两面都对亚铁和有色金属提供了有效的保护, 因此不需要储存不同金属类型的各种纸张。只需要简单地把物品包裹在纸上, 然后把边缘折叠在一起, 根据需要用胶带固定纸张即可。纸上的 VpCI®涂层会慢慢挥发, 到达包装内的所有金属表面, 提供非常薄、非常有效的 VpCI®层, 不会改变产品外观, 也不需要进一步精加工或使用之前需要去除。

CorShield® VpCI®-146防锈纸100%由回收内容纸制成, 完全可回收可再制浆。它是可生物降解和可堆肥的。它包含92%的美国农业部认证的生物基内容, 是美国农业部的生物首选®计划强制联邦采购的合格产品。*

包装与储存

为确保产品的最优良的防锈性能, 请保持原包装储存于室内或者室外有遮盖, 温度为40-100 °F (4-38 °C)的地方。

储存时间: 2 年

HIGH PERFORMANCE VPCI® PACKAGING



FEATURES

- 100%由可再生纸制成
- 包含92% USDA 认证生物基成分
- 根据ASTM D6868可堆肥
- 不含亚硝酸盐、磷酸盐、硅酮、铬酸盐或其他重金属
- 完全可再生、可再制浆
- 商业上达到MIL-PRF-3420
- 在进一步的表面表面处理或涂层应用之前, 无需去除产品表面的保护层由克罗地亚萨格勒布-卫生部进行检测, 以用于食品用品
- 不影响最敏感的电气元件的物理性能, 包括电导率和电阻
- 专利申请中

优点

- 适用于所有的有色金属和黑色金属产品
- 将防锈和包装合并为一步
- 它两面均具有防护功能, 消除了包装的迟疑和猜测
- 在储存、运输和海外运输期间保护干燥或上油的金属
- 可有效对抗腐蚀环境, 包括湿度、SO₂、H₂S和不同金属引起的的电偶腐蚀

金属防护

- 碳钢
- 不锈钢
- 镀锌钢材
- 铸铁
- 铝合金
- 铜
- 黄铜 (≤30% Zn)
- 焊锡

CorShield® VpCI® -146 Paper

典型特征

性质	单位	数值	
基本重量	lbs/3000 ft² (g/m²)	35±1.5 (57±2.5)	
厚度	Mils (µm)	4.0±0.2 (100±5)	
撕裂强度	gms	CD*	50±5
		MD*	70±10
抗拉强度	lb _f /in (N/mm)	23 (4)	
爆裂强度 (马伦试验)	Psi (kPa)	20 (138)	

*CD = Cross Direction
*MD = Machine Direction

SIZES

标准尺寸, 35 lb/3000 ft² (57 g/m²)		
卷材	片材	外包装
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' (601 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)	
根据要求, 还可提供30磅 (49 g/m²)、35磅 (57 g/m²)、40磅 (65 g/m²) 和60磅 (98 g/m²) 纸张的各种库存和定制尺寸和结构。		

Day 1



After 4 Weeks



After 10 Weeks



Compostability testing in accordance with ASTM Standard D6868

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