

## **PRODUCT DESCRIPTION**

RUST X manufactures VCI HDPE Papers which have exceptional strength, tear resistance.

Goods wrapped in or protected by RUST-X VCI HDPE paper are not affected by corrosion. The reason for this is that the air surrounding the metals protected with RUST-X HDPE paper, is very heavily impregnated with the inhibitors released from the protective paper.

The micro-moisture droplets become so heavily impregnated with corrosion inhibitors released from RUST-X VCI HDPE paper that these droplets themselves become rust preventives, and will not form corrosion on the metal surfaces. In effect corrosion cannot occur in vicinity of the VCI HDPE Paper.

VCI HDPE papers are used to protect components that require high shelf life and protection against corrosion.

These have a high VCI chemicals carrying capacity and are useful in protecting components for longer periods and also provide better abrasion resistance compared to thin

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film plastics

#### **FEATURES**

- Economical to use
- Easy to install
- Protects up to 2 years
- Effective dry protection
- Specially developed for Iron & Aluminum
- Protects mostly all metal systems
- Easy to use and only needs to be wrapped or placed along with the part to be protected
- Can also interleaved within metal plates or sheets

#### **APPLICATIONS**

- For protection of metallic or nonmetallic components
- Coils and CR sheets from adversities of sea humidity
- Storage in open, storage in warehouses for longer periods and other related schemes.

#### USAGE

Application: All substrates should be clean and contaminant free and apply HDPE paper.



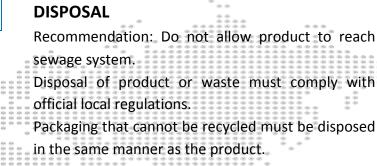


## **TECHNICAL SPECIFICATION**

Physical Properties	Test Method	Value
Weight of base paper (gsm)		70 GSM +- 5%
VCI coating (gsm)		10+/-4 GSM
Burst Factor of Paper		4.5 kg/sq cm
Burst Factor of HDPE		12.3kg/sq cm
Elmendorf Tear DIR I		1285 gmF
DIR II		800 gmF
Optimum Temperature		30-60 °C
Razor Blade Test		Pass
VCI Test (VIA)	TL8135-0002	Pass
Weight of total uncoated material		165-170 Gms per
		sqm
pH of Treated paper		7.0
Vapour inhibiting	TL 8135-002	PASS
humidity chamber		
test		
Contact corrosion	(standard –	120+ hours – PASS
test in humidity	IS6262 –	
chamber test	1972)	
Water penetration	as per IS	16 hours PASS
test	1398	
Protection Propertie	s Indoor -	Up to 2 Years
Packed)		
Shelf Life		2 year (In cool &
		dry environment)
Other Layer	Layer Layer	
Properties 1	2	5
Weight of 20	Fabric 20	VCI
Material Microns	55 Micro	0.0
165 gm + - PE	GSM PE	70 gsm
5%		
	*	

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# **APPLICATION PICTURES**





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#### **HEAVY METALS DECLARATION**

RUST-X Rust Preventive products do not contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated di-phenylether complying with the restricted substances listed in Article 4(1) of the RoHS Directive. RUST-X Rust Preventive Oils are also REACH Compliant for exports to the European Union.

#### SAFETY INFORMATION

- Keep Out Of Reach Of Children
- Keep Container Tightly Closed
- Not For Internal Consumption
- Consult Material Safety Data Sheet For More
  Information
- Safe for people
- This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom and CA WHMIS regulations.
- Rust-X VCI chemistry is safe for sensitive electronics.
- Rust-X VCI chemistry imposes No galvanic effects, residues or changes in the properties of metals.
- The protective molecules dissipate upon opening

# DECLARATION

of package.

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#### LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on validations and tests conducted by HI TECH INTERNATIONAL/RUST-X or its partners and are believed to be reliable, but the accuracy or completeness thereof is not guaranteed. We warrant our products will be free from defects when shipped to customer. Our obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Rust-X, Hi Tech International or its partners or agent of the claimed defect within 3 months after shipment of product to customer. Customer shall pay all freight charges for replacement products. We shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. And any financial claims shall be limited to the value of the film sold.

Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein

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