

# VCI Rustopaper



**Suprabha**  
PROTECTIVE PRODUCTS (PVT.) LTD.

Vapour Corrosion Inhibitors or VCI protect both Ferrous as well as non-ferrous metals from corrosion. VCI protection can be administered to metal components through elements of packaging and preservation. Paper is one of the principal elements used in packaging.

Special VCI impregnated papers have been developed by Suprabha for packaging of metal components. These are plain kraft, polycoated, and multi-layered products, ideally suited for over-wrapping as well as packaging of semi-finished or finished metal components. Suitable for Ferrous, Aluminium, Aluminium Alloy components and / or non-ferrous metal components such as those made from copper or brass. The multi-layered sheets are woven HDPE-fabric laminated, having adequate strength and waterproofing properties. These sheets when used as protective covers, provide moisture-resistant and tear resistant protection to the packed items.

(Since a field of VCI is created inside the package filling up the entire volume, the package can also be a loose fit.)

## Special Features

- ▶ Dry method to protect and prevent moisture and pollutants from attacking the metal
- ▶ Inaccessible areas and microscopic cavities in the metal surface are also protected through unique VCI ionic action
- ▶ On contact with the metal, the VCI paper does not leave any residual film or layer
- ▶ VCI vapours treat the entrapped atmosphere / moisture inside the package
- ▶ Even if the VCI layer is disturbed due to opening of the enclosed space, the protective layer gets replenished by the continuous vapourisation of the VCI chemicals
- ▶ The VCI action keeps the packed items factory fresh and in a ready-to-use condition till they reach their destination



- ▶ Need-specific protection against rust during storage as well as transit
- ▶ Protection in ambient atmospheric conditions of durations between 6 and 24 months or even more if required
- ▶ Eco-friendly, environmentally safe, and economical
- ▶ Conform to IS - 6263 specifications
- ▶ Does not contain heavy chemicals like silicones, nitrites, chlorides, chromates, phosphates, etc.



Code	Description	Applications	Special Features	Protection Period
<b>FERROUS / ALUMINIUM</b>				
<b>Kraft paper*</b>				
VCI 101	VCI coated kraft paper	For dry protection of ferrous metals		10-12 months
VCI 131	VCI coated kraft paper	For dry protection of ferrous and aluminium metal alloys		15-18 months
<b>Polycoated paper*</b>				
VCI 112	VCI coated Poly Kraft paper (65 gsm)	For dry protection of ferrous metals and aluminium	An extrusion coating of polythene enhances the barrier quality of the paper	18 - 24 months
VCI 113	VCI coated Poly kraft paper (85 gsm)	For dry protection of ferrous metals and aluminium	An extrusion coating of polythene enhances the barrier quality of the paper	18 -24 months
VCI 114	VCI coated Poly kraft paper (85 gsm)	For dry protection of aluminium and alloys	An extrusion coating of polythene enhances the barrier quality of the paper	12-18 months
<b>Multilayered paper (HDPE Fabric Laminated)**</b>				
VCI 162	4 ply Heavy duty (195 gsm)	Bulk packaging of ferrous metal / Aluminium alloy components to be transported in saline conditions	Waterproof with good wear-and-tear strength and UV stabilised	12-15 months
VCI 166	3 ply (150 gsm)	For packing of CR / GP coils / Sheets	Waterproof with good wear-and-tear strength and UV stabilised	10-12 months
VCI 167	4 ply 175 gsm	For packing of CR / GP coils / Sheets	Waterproof with good wear-and-tear strength and UV stabilised	10-12 months
<b>MULTI-METAL</b>				
<b>Kraft paper*</b>				
VCI 121	VCI coated kraft paper	For multi-metal dry protection to Copper, Copper-nickel alloys and Brass. Electric & electronic equipment and components.	Extra multi-metal protective properties	10-12 months
VCI 132	VCI coated kraft paper	For multi-metal dry protection of ferrous, aluminium, copper, chromium, Brass metals and alloys		10-12 months
<b>Polycoated paper*</b>				
VCI 125	VCI coated kraft paper (85 gsm)	For multi-metal dry protection to Copper, Copper-nickel alloys and Brass. Electric & electronic equipment and components.	Extra multi-metal protective properties	15-18 months
VCI 127	VCI coated Poly kraft paper (200 gsm)	For multi-metal dry protection to Copper, Copper-nickel alloys and Brass. Electric & electronic equipment and components.	Extra multi-metal protective properties	15-18 months
<b>Multilayered paper (HDPE Fabric Laminated)**</b>				
VCI 165	Laminated multi-layered VCI impregnated paper	For bulk packaging of Non-ferrous metal components to be transported in saline conditions	Waterproof multi-layered fabric with good wear-and-tear strength and UV stabilised	12 months

\* Products from Jai Suprabha

\*\* Refer to Suprabha Seaworthy Packaging System



All statement, technical information and recommendation contained herein are based on tests we believe to be reliable, but the accuracy and completeness thereof is not guaranteed. Seller warrants product to be free from defects when shipped to user. Seller's only obligation shall be to replace within sixty days after the date of purchase, such quantity of product found defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the products. Before using user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer. The warranty offered in connection with the product is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose.



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