

# **RUST-X USA**

## **Technical Datasheet**

Product: VCI Strength Fabric

Grade: PE/PP 965

TDS No. 400063

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### Product Description

VCI Strength Fabric is made on tapeline plant using virgin PE/PP polymers for best strength and clarity. It is used in variety of applications ranging from food packaging, construction, metals packaging, green house, mulching etc

RustX Strength Fabric is a woven fabric made on circular knitting machines from specialized high strength HDPE/PP resin with dosages of UV protection and optical brighteners made from Virgin polymers.

The fabric is woven on automatic lines to ensure adequate strength is achieved by a Warp and Weft structure of the material. Strength fabric by its name is symbolic to not just the advantage of High Strength but also excellent moisture penetrations properties and oxygen transmissions.

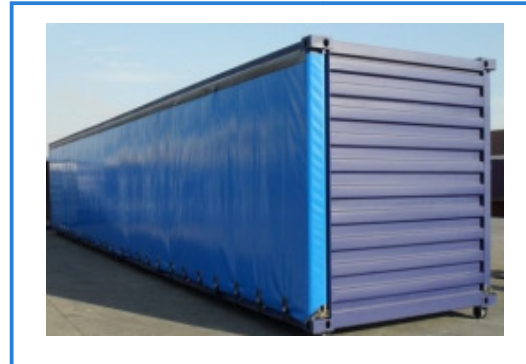
It is laminated on both sides with Poly Ethylene of approx 20 gsm-25 gsm on each side with a hot lamination process and cannot be easily peeled off.

Strength Fabric is general white on the outside and blue on the inside unless there is a specific or customized colour preference by the client.

Strength Fabric generally is available in 8x8 or 10x10 mesh which means there are 8 -10 PE/PP fibres in each direction in a 1 sq inch area. It has an extremely low moisture penetration and hence can be used for protection again rain, snow or water for longer durations. The double lamination both on inner and outer hence protect the package.

RustX product is printed with RustX logo and patent numbers. All packages are printed with manufacturing date and shelf life of product.

### Product & Application Images



### Storage

Store the product in cool dry place ideally inside a shed / warehouse with no exposure to direct sunlight, rain, moisture water and acidic environment and the product can be stored before use for upto 2 years

## Features

- Powerful and extreme toughness and pliability to conform to coil configuration
- Multi-metal VCI protection for all surfaces
- High stretch ability
- Sharp edge resistance due to multi-molecular linking for increased strength
- Minimal equipment investment with substantial reduction in labor costs
- Increased production through-put
- Eliminates cost and associated problems
- Dry packaging compatible product
- Quick to use, remove and easy to recycle

## Application

RustX Films are meant for product protection of ferrous and non ferrous metals. lumber, steel, agriculture, furniture, machinery etc and primarily for industrial use, The information submitted in the documents is to the best of the knowledge of the company and any liability whatsoever concerning accuracy and completeness of information shall not be imposed on the company.

## Disclaimer

RustX products when used with any other products may cause incompatibility for which RustX doesn't hold any responsibility. RustX products can only be sold by its authorized agents, distributors or the company itself.

## Properties

Physical Properties	Test Method	Value 65 GSM	Value 100 GSM1	Value 120 GSM	Value 160 GSM
		Non VCI Strength Fabric	VCI Strength Fabric	VCI Strength Fabric	VCI Strength Fabric
Tensile Strength	MD	490	984	1088	1120
	CD	320	782	868	890
Elongation	MD	28%	30%	30%	30%
	CD	22%	24%	30%	30%
Mesh		10x10	10x10	10x10	10x10
Colour		Clear transparent	White/Blue	White/Blue	White/Yellow
Fabric Weight		45 gsm	52-55 gsm	65-70 gsm	95 gsm
Lamination outside		15-20 gsm	18-20 gsm	22-25 gsm	25-30 gsm
Lamination Inside			18-20 gsm	22-25 gsm	25 -30 gsm
<b>VCI Content</b>			12-15 gsm	12-15 gsm	12-15 gsm
Material	PP/HDPE	HDPE	PP/HDPE	PP/HDPE	PP/HDPE
Condensation Test	DVI 514	Pass	Pass	Pass	Pass

### Availability

Thickness 65/ 100/120 / 150 / 200 / 250 / 300 gsm Colour Standard Inventory is white outer and blue inner  
Sizes With no joint - 3000mm -4000mm and bigger sizes available with heat sealing or stitching joint 3D Bags Can be customized to make bags  
Side Rings Side rings for tie-ing rope or hook can be placed at intervals

### Packaging

Standard or customized rolls or bags ; size available of lay flat sheet or roll up to 144" without joint.

### Disposal

Wastes should be disposed off in accordance with local regulations.  
**Recommendation:** Do not allow product to reach sewage system.  
Disposal must be made according to official regulations.  
Packaging that may not be cleansed must be disposed off in the same manner as the product.

### Safety Information

RUST-X Rust Preventive Oils donot contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated di-phenylether complying with the re-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.

### Declaration

This Data sheet and information it contains is considered to be accurate at the date of printing. No representation or warranty, expressed or implied is made as to the accuracy or completeness of the data and information contained in this publication. It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations

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