

MetalRustGuard

The Best Corrosion Protection

- It is a dry method
- It is green and easy to use
- Offers you significant cost savings
- Gives you an impressive ROI
- High efficiency proved by lab testing



MetalRustGuard -The Best Corrosion Protection

Packaging, storing and shipping moulds and mould components can now be done faster and with efficiency and effectiveness to prevent rust and corrosion while still being environmentally friendly. MetalRustGuard is a non-toxic (FDA Approved) self-adhesive protective wrap to prevent rust and corrosion on any type of metal in any type of climate, including high humidity and marine environments. Even direct contact with salt water or acids have no effect on the material, which has been tested and approved as a corrosion mitigation product by the U.S. Army and U.S. Marine Corps. There is no longer any need for sticky and gunky rust inhibitors that are both hazardous and difficult to remove!



MetalRustGuard is safe and easy to apply, and can be easily removed. The material has extreme mouldability to conform to the shape of the mould or component being wrapped. With just light pressure it adheres to moulds, components and other metal parts. For removal, nothing more than an all-purpose cleaner is needed to remove any wax residue left behind. Because MetalRustGuard is FDA approved, the material is totally safe to be applied by hand.

While corrosion protection is the main feature of MetalRustGuard the properties of the material lend themselves perfectly to abrasion protection. After application, MRG clings to the object so perfectly that snags or chafing are not an issue. The base fabric made from polypropylene provides an exceptional abrasion shield which is an added benefit for protection of valuable moulds and dies. The industry of plastic injection moulding and tooling has never received such a benefit like it has with MetalRustGuard. Keeping entire tools or moulds safe from corrosion without the sticky mess of oils and fluids, and at the same time protecting the components from bumps, scratches and abrasion!

The Advantages

- Strong Rust Inhibitor
- Non-Toxic (food grade FDA-approved)
- Environmentally safe
- No prep or set up
- Very Conformable
- Self-adhesive
- Bacteria Resistant
- Effective in all atmospheres
- Easy to Apply
- Easy to Remove
- Re-usable
(2-3 times depending on the surrounding environment)
- Protects against wear and abrasion
- High Dead-Fold will not unfold spontaneously
- Branding with company logos available on request



The Assortment

MetalRustGuard comes in rolls of 45 meters in 6 different widths:

Item No.	Dimension (width x length)
MRG-4.5x150*	0,11 x 45 m
MRG-6x150	0,15 x 45 m
MRG-9x150	0,23 x 45 m
MRG-12x150*	0,30 x 45 m
MRG-18x150*	0,45 x 45 m
MRG-36x150	0,90 x 45 m

*Indicates that item is normally delivered from stock. Other dimensions have a delivery time of approx. 2-3 weeks.

MetalRustGuard - FAQ

What is MetalRustGuard?

MetalRustGuard is a non-toxic (FDA Approved) protective wrap to prevent rust and corrosion on any type of metal. Because MetalRustGuard contains no VOC's or harsh chemicals in its manufacturing, it can be used on the installation of any metal without harm to the user applying it or the environment it is placed in.



What is MetalRustGuard made of?

MetalRustGuard's base material is a hydrophobic polypropylene. The polypropylene prevents water molecules and vapor to transmit through the cover. It also makes the material customizable to be cut and used as needed. The adhesiveness of the material is a proprietary wax formula that provides essential barrier properties that prevents harmful contaminants in the atmosphere from corroding the metal inside. The wax is food grade and contains all non-toxic ingredients making MetalRustGuard safe to be applied by hand.



How does MetalRustGuard keep metal corrosion free?

MetalRustGuard's ingredients create an impenetrable barrier to various weather conditions including high humidity and extreme cold from affecting its performance. Polypropylene's chemical properties do not absorb water, but act like a water retardant pushing water away. The wax performs as a superior inhibitor against harmful contaminants

to metal including acids and solvents. It has also been certified effective when used in marine and salt water environments making it ideal to be used for shipping metal around the world.

What sizes does MetalRustGuard come in?

MetalRustGuard comes in roll form in sizes from 11-90 cm. The material can also be perforated at a desired length for quicker application, maximizing production and minimizing waste. MetalRustGuard offers a customizable and practically priced printing service for company logos, designs, or product specifications on the material, which provides excellent branding and a professional packaging touch.

Does MetalRustGuard need any prep work or adhesives to work?

Not at all! MetalRustGuard is self-adhesive and does not require any other Volatile Corrosion Inhibitor (VCI) product to be used. It replaces the need for expensive and wasteful VCI bags and films or gunky rust inhibitors that are difficult to clean and hazardous. The installation is simple. Light pressure on the material to the metal prevents rust and corrosion without any other equipment needed. MetalRustGuard is perfect for shipping or storing metal, preserving your valuable equipment and brand.



For more information

Please pay a visit to the websites of MetalRustGuard and/or Diamantprodukter AB, send an e-mail to info@diprofil.se or call us at +46-8-546 509 60.

www.diprofil.com

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