

# MetPro VCI PAPER RANGE

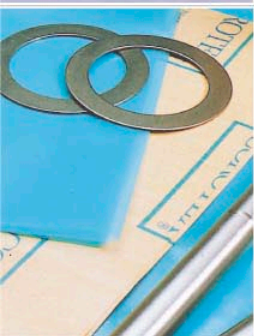
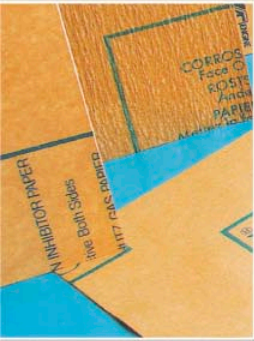
Ballinorig Business Park, Tralee, Co. Kerry, Ireland • Tel +353 66 7181055 • Fax +353 66 7120823 • Web [www.metrogroup.com](http://www.metrogroup.com)

## HOW DO METPRO VCI PAPERS WORK?

The MetPro range of VCI Papers are coated with MetPro VCI Technology, the choice of which is wholly dependent on the metal to be protected and the end - use application. When the metal part is enclosed, wrapped or interleaved with these VCI coated papers, vapours are emitted which saturate the surrounding air space. The vapours are adsorbed onto the metal surfaces forming a mono-molecular protective layer. This protective layer remains on the metal surface until the package is opened when it evaporates leaving a clean metal surface.

## WHY USE METPRO VCI PAPERS?

- The use of MetPro VCI Paper provides a dry method of protection and enables effective long-term protection of metals.
- MetPro VCI Papers are convenient, clean & user friendly and do not interfere with the functionality of products being protected.
- VCI layer is self-replenishing allowing the package to be opened for inspection & part removal and then re-closed again.
- The VCI Paper system provides excellent vapour phase and contact inhibitor action for a wide range of metal types.
- Creped, polycoated & laminated VCI Papers have the added advantages of increased strength & flexibility while also offering increased protection from moisture ingress and/or grease.



Customers are advised to conduct field trials to ensure adequate protection is achieved and that the correct product has been chosen for the application.

## CHOOSING THE RIGHT PRODUCT

MetPro Anti-Corrosion Products include a comprehensive range of papers incorporating specialist impregnations chosen specifically to suit the metal to be protected.



METAL	COROTEX	COROTEX PLUS	PRIMEX	UNIVERSAL PRIMEX	ZINCOTEX
MILD STEEL	Excellent	Excellent	Excellent	Excellent	Good
ALUMINIUM	Excellent	Excellent	Excellent	Excellent	Vapour Phase OK Contact Stains
COPPER	Vapour Phase OK Contact Stains	Excellent	Vapour Phase OK Contact Stains	Excellent	VapourPhase OK Contact Stains
GALVANISED	Not recommended	Not recommended	Not recommended	Excellent	Excellent
CAST IRON	Not recommended	Not recommended	Good	Very Good	Not recommended
TIN PLATE	Excellent	Excellent	Excellent	Excellent	Good
NICKEL	Excellent	Excellent	Excellent	Excellent	Good

# MetPro VCI PAPER RANGE



## SPECTRUM OF APPLICATIONS

- Automotive Component Parts
- Steel Industry

- Electrical Equipment
- Pumps & Motors
- Ferrous & Non-Ferrous Forgings & Castings
- Machined Parts & Components
- Metal Pipes & Tubes

## HEALTH & SAFETY

- MetPro's standard VCI Paper range are Nitrite Free.
- All VCI Papers conform to EU & US Packaging Specifications.
- Our VCI Papers have been independently tested for skin irritation and were found to be non-irritant.
- All Products are Environmentally friendly & Recyclable.
- MetPro VCI Papers are non-toxic and suitable for in - direct food contact.

## GENERAL GUIDELINES FOR USE

- Pack only clean & dry products.
- Wear gloves to avoid leaving acidic, corrosion-causing fingerprints.
- When packing metal parts, the ambient temperature and the part temperature should be the same to prevent condensation from forming inside the enclosure.
- Enclosures should be tightly sealed to prevent moisture ingress.



## SPECIFICATIONS & STANDARDS AVAILABLE

A choice of VCI Paper Technology is available depending on end-use application, our VCI technology may also be customized to suit the individual needs of the customer.

## COROTEX – PLUS - ZINCOTEX – UNIVERSAL – PRIMEX

The selection of paper grade depends on the weight & shape of the metal product & the duration of protection required.

- MG, MF & Sack Kraft Papers (40gsm – 200gsm)
- Polycoated Krafts, Woven Krafts & Re-Enforced Laminates
- Crepe, Polycoated Crepes & Re-Enforced Polycrepes
- Woven Polypropylenes

Products can be supplied as rolls & sheets with standard sizes available on request.

Customized prints may be applied to papers for customers' own branding purposes.

NOTE:- Speciality Papers can be sourced & supplied for customers with special requirements, a full brochure is also available on request.

Please contact your local area sales representative for more information on the entire product range.