

VCI PAPER

Protecting Your World

Versatile protection against corrosion



www.metprogroup.com



"An excellent vapour phase and contact inhibitor for a wide range of metal types."

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Product Overview

MetPro VCI Papers are produced using kraft papers which have been saturated on both sides with a proprietary formulation of MetPro corrosion inhibitors to provide a powerful protective layer for ferrous & non-ferrous metals as well as multimetallic alloys. MetPro VCI Papers are employed to protect a broad range of metal components during shipment and storage & can also be used in interleaving applications or in any other application where a packaging paper is preferred. When the metal part is enclosed, wrapped or interleaved with MetPro VCI papers vapours are emitted which saturate the surrounding air space. The vapours settle onto the metal surface forming a mono-molecular protective layer.

FEATURES & BENEFITS

- MetPro VCI papers provide a dry method of effective long-term corrosion protection.
- Convenient, clean, user friendly & do not interfere with the functionality of metal parts.
- Once unpacked, the metals do not require additional cleaning or degreasing and are ready for immediate use.
- The VCI layer is self-replenishing allowing the package to be opened & re-sealed for inspection.
- Creped, polycoated & laminated VCI papers have the added advantages of increased strength & flexibility while also offering increased protection from moisture ingress and/or grease.

HEALTH AND SAFETY

- Nitrite and heavy metal free
- All VCI papers conform to EU & US packaging recommendations.
- Our VCI papers are non-irritant to skin.
- Environmentally friendly, recyclable, non-toxic.



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	Vapour phase 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

SPECIFICATIONS & STANDARDS AVAILABLE

- MetPro VCI Papers are available in a variety of grades & constructions using natural / brown MG kraft
- Polyweave kraft laminates, re-enforced laminates, crepe, polycoated crepes & re-enforced polycrpes
- 35gsm - 200gsm
- Standard sheet & roll sizes available, customised alternatives are available on request.

GENERAL GUIDELINES FOR USE

- Pack clean & dry products only.
- Wear gloves to avoid corrosive 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.
- Six-month protection when stored outside and properly protected from moisture and other environmental elements. Twenty-four months or more for inside storage.
- Shelf life of minimum 2 years if stored at 30°C or less, out of direct sunlight and in original packaging.

