

VCI FILM

**Combines packaging and protection
against corrosion**

Protecting Your World



www.metprogroup.com

*"An excellent vapour phase & contact inhibitor for
a wide range of metal types & applications."*

MetPro group 
Metal Protection Systems

Combines packaging and protection against corrosion

Product Overview

MetPro VCI films protect metals through direct contact and vapour phase action. With a comprehensive range of additive masterbatches for VCI film production we can offer Ferrous, Non Ferrous, Cast Iron, Amine Free, Multimetallic & many more VCI films types. MetPro VCI films are cost-effective and offer a versatile form of VCI protection against corrosion damage. MetPro VCI Films work by volatilizing into the surrounding area and the released vapour deposits on the metal surface. This vapour forms a mono-molecular layer providing protection to the packed metal part during shipment and storage.

WHY USE METPRO VCI FILMS?

- Effective corrosion protection to a wide range of metal types.
- Convenient, clean & user friendly.
- Suitable for automatic & manual packing applications.
- Reduction in the requirement for messy oils, greases and desiccants.
- Once unpacked, the metals do not require additional cleaning or degreasing and are ready for immediate use.
- MetPro VCI films allow easy identification of stored parts as transparent or tint films can be supplied.

HEALTH AND SAFETY

- MetPro VCI Films are nitrite and heavy metal free.
- All VCI films conform to EU & US packaging recommendations.
- Our VCI films have been independently tested for skin irritation and were found to be non-irritant.
- All products are non-toxic, environmentally friendly and recyclable.
- The active ingredients in the MetPro VCI films have been independently tested and are suitable for indirect food contact.



CONSTRUCTIONS

Bags / sheets perforated on roll
Gusseted bags
Lay-flat tubing
Centre-fold sheeting
Single wound sheeting
Pallet shrouds & equipment covers
Elasticated brake disc covers

FILM TYPES

Ferrous
Non-ferrous
Multimetallic
Cast Iron Specific
Amine Free

SPECIFICATIONS

20-200 Micron
20mm - 4000mm
Stretch Film
Shrink Film
High Strength Film
Bubble Film



GENERAL GUIDELINES FOR USE

- Pack clean & dry products only & Seal the VCI film package well for maximum benefit.
- 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.
- MetPro standards films will protect metals for up to five years if properly packed and stored. Shelf life of minimum 2 years if stored out of direct sunlight and in original packaging.