

VCI

Protection sublimates!



Propack has always helped manufacturers to better preserve the quality of their products over time and, in recent years, **Propack VCI** has become one of the most effective tools for achieving this end.

Propack VCI metal protection system

Created in one of the world's most highly advanced research labs in the field of metal protection against corrosion, **Propack VCI** system is the safest and most convenient method for protecting products made of metal against damage caused by rust and corrosion, during shipping and storage. **Propack VCI** impregnated paper, introduced in the early 1980s, has been joined over time by many other products satisfying the ever-changing needs of increasingly demanding customers. Today **Propack VCI** is the anticorrosion system preferred by a majority of industries worldwide.

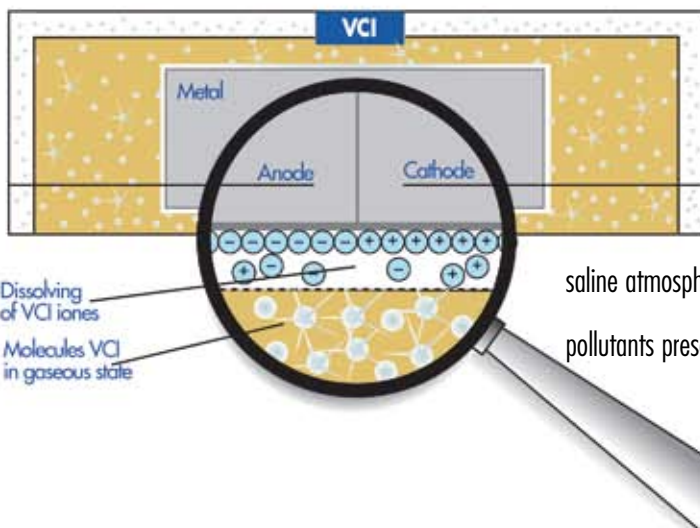
The advantages of a clean job

Propack VCI replaces the old methods of applying oil and grease, highly impractical and polluting. With **Propack VCI** you can obtain anti-corrosion packing simply integrating your traditional packing, or you can wrap the product to be protected with a sheet or bag of **Propack VCI** paper or **Propack VCI** plastic film. The result will be sure, simple and clean protection. When you open again your package the product will be immediately ready to use, without any need of cleaning it from dirty, polluting oil or grease.

How does it work?

Propack VCI consists of mixture of substances that sublime to form a thin, invisible layer capable of neutralizing the potential agents likely to cause the corrosion of metals, such as aqueous vapor, oxygen, saline atmosphere, sulfurous gases and the most common industrial and environmental pollutants present in the air.

PROPACK Anticorrosion





FIELDS OF PROTECTION

Propack VCI safeguards almost all metals and is supplied in two standard types of protection:

- Ferrous (FE)
- Universal (UNI)

Other types of protection may be supplied on request.

■ ■ ■ ■
Excellent protection

■ ■
Good protection

■
Minimal protection

No protection and no secondary action

□
Not recommended

○
Not defined protection

	FE	UNI
IRON	■ ■ ■	■ ■ ■
STEEL	■ ■ ■	■ ■ ■
CAST IRON	■ ■ ■	■ ■ ■
CHROME	---	■ ■ ■
COPPER	---	■ ■ ■
BRASS (1)	□	■ ■ ■
BRONZE	---	■ ■ ■
ALUMINUM	■	■ ■
TIN	□	---
MAGNESIUM		
LEAD	□	□
TUNGSTEN		
ZINC CADMIUM	□	■ ■ ■
SILVER	□	■ ■
CATEGORY A (2)	□	■ ■
CATEGORY B (3)	□	○

(1) Brass alloys containing less than 20% zinc behave like copper. If the zinc content is greater than 20% the alloy behaves like the metals of category A.

(2) THIS CATEGORY INCLUDES: nickel, nickel-plated and cadmium-plated steel.

(3) THIS CATEGORY INCLUDES: antimony and alloys. In case of alloys, according to our long experience, we could note that usually the protection is proportional to their composition.

By the way we always suggest to verify the protection with some tests before the industrial use.

The data shown in the tables have been greatly simplified to save space. Therefore we recommend that you ask our specialized personnel for complete technical datasheets for each type of product. They will also be able to help you in using the products of the Propack VCI line.

PROPACK reserves the right to change the composition of its products at any time.

The values shown here are approximate.

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