

# propatech<sup>®</sup>VCI Film

Film, bags  
and covers providing  
**transparent protection!**



Protection against corrosion

The products of the **PROPATECH VCI FILM** range are made by introducing the **PROPATECH VCI** additive into the still melted material during the film coextrusion phase. The additive is then able to sublime from the plastic, guaranteeing protection from the corrosion of the packed metallic details.

The **PROPATECH VCI FILM** products are an easy, practical and economical solution adopted by the main automobile manufacturers, steelmakers and metallurgical companies worldwide, to prevent damage caused by corrosion.

Thanks to the transparency of **PROPATECH VCI FILM** products, the goods can be correctly placed in positions or racks, and facilitate customs procedures without requiring that the packaging is opened and ruined.

The three-layer coextrusion is the main feature of the standard **PROPATECH VCI FILM** products. The coextrusion guarantees increased mechanical resistance and a single-directionality of the **PROPATECH VCI** molecules.

The 3 layers of film have the function of:

- **Inner layer:** guaranteeing immediate protection of the items to be safeguarded.
- **Middle layer:** acting as a **PROPATECH VCI** molecule tank for long term protection. This layer comes into action only after the inner layer has been consumed.
- **Outer layer:** acting as a barrier to the atmospheric agents and as protective action containment as well. This layer prevents the **PROPATECH VCI** molecules from being dispersed to the exterior, guaranteeing that 100% of the protective effectiveness is developed inside the packaging.

**Main applications:** CKD, metallic automobile components (motor systems, transmissions, gear boxes, brake pads, etc...), steel reels, entire machines, all types of metallic items.

To solve problems caused by:



Corrosion



Oxidation

A SMART MOVE  
**propagroup<sup>®</sup>**





**PROPATECH VCI FILM** range:

### PROPATECH VCI FILM

The **PROPATECH VCI** films are particularly suitable for packaging machinery and are also used to cover cases, crates, ga.fer. and boxes.

Available in single or multi-fold layer rolls, tubular and sheets of single-layer or coextruded anti-corrosive film.

Minimum height: 29 mm - Maximum height: 10,000 mm

Minimum thickness: 50µm (single-layer) / 70µm (coextruded) - Maximum thickness: 300µm

### PROPATECH VCI CAP / PROPATECH VCI SAC

Anti-corrosive film sacks, bags and caps suitable for all types boxes, cases or crates.

These products are suitable for packaging intended for storage and transport, by land or sea, of any small and large metallic items.

Available in pre-cut rolls or packaged in a box.

Minimum opening: 40 mm – Maximum opening: 1,950mm (+maximum gusset: 1,900mm

Minimum thickness: 50µm (single-layer) / 70µm (coextruded) - Maximum thickness: 300µm

### PROPATECH VCI EASYCAP

A cord is applied to the **PROPATECH VCI** sacks in order to facilitate the closure in applications where this would be very difficult.

### PROPATECH VCI SEAL

This anticorrosive film, polyester laminated, offers excellent weldability features even with automatic hot bar packaging machines.

### CERTIFICATIONS AND REGULATIONS

**PROPATECH VCI FILMS** is certified according to TRGS 615 standard.

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