

# PROPACK VCI

## ANTICORROSION PAPER AND BAGS

Protection has a  
trump card!



This packing paper is impregnated with **Propack VCI\*** to protect metal manufactured goods from corrosion during carriage and storage. **Propack VCI** paper releases volatile substances that deposit on metal surfaces and form a complex capable of defending against the attacks of many environmental pollutants.

**Propack VCI** papers are extremely useful for wrapping or covering manufactured metal items and are also used to line crates or as a protective layer between products.

**Propack VCI** papers can be divided in two categories:

### Double face anticorrosion paper

This paper emits a protective substance from both sides; it is therefore especially suitable to provide protection between two layers of products. It can also be used in packages that will be enclosed in an additional outer packing container in order to guarantee longer lasting efficiency.

### Polythene coated anticorrosion paper

It is obtained by applying a layer of polythene on the paper. The polythene prevents the dispersion of the protective sublimate released to the outside. As a result the protective emission is completely concentrated toward the inside of the wrapper or container holding the item to be protected.

With **Propack VCI** papers it is also possible to realize laminates and bags:

### Propack VCI paper bags

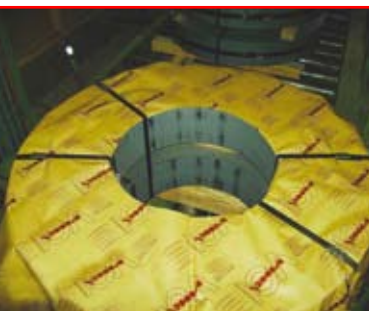
Very useful for fast anticorrosion packaging of small and medium-sized items, they can be made from **Propack VCI** double face or polythene coated paper according to need.



PROPACK<sup>®</sup>  
Anticorrosion

# PROPAC VCI

## ANTICORROSION PAPER AND BAGS



### Characteristic data

Product	Basic paper (g/m <sup>2</sup> )	VCI substances (g/m <sup>2</sup> )	PE (g/m <sup>2</sup> )	Total average weight (g/m <sup>2</sup> )	PH <sup>(1)</sup>
<b>FE 50</b>	47 - 49	8 - 10	--	56	7,5 - 10
<b>FE 70</b>	59 - 62	10 - 12	--	74	7,5 - 10
<b>FE 90 PE</b>	59 - 62	10 - 12	18	90	7,5 - 10
<b>UNI 50</b>	47 - 49	8 - 10	--	56	7,5 - 10
<b>UNI 70</b>	59 - 62	10 - 12	--	74	7,5 - 10
<b>UNI 90PE</b>	59 - 62	10 - 12	18	90	7,5 - 10

### Mechanical characteristics

Product	Bursting strength (kg/cm <sup>2</sup> )	Ultimate strength (kn/m)		Ultimate strength (n)	
		MD	TD	MD	TD
<b>FE 50</b>	1,30	2,0	1,50	0,32	0,36
<b>FE 70</b>	2,10	3,9	2,25	0,50	0,65
<b>FE 90 PE</b>	2,20	4,0	2,10	0,75	0,85
<b>UNI 50</b>	1,30	2,0	1,50	0,32	0,36
<b>UNI 70</b>	2,10	3,9	2,25	0,50	0,65
<b>UNI 90PE</b>	2,20	4,0	2,10	0,75	0,85

### Weights and dimensions

VCI paper is supplied in reels or in sizes.

Reels:

Type of paper	Standard height (cm)	Reel weight (kg)	Reels / pallet <sup>(2)</sup>
<b>FE 50</b>	100	20 ± 10%	25 ± 10%
	150	30 ± 10%	25 ± 10%
<b>FE 70</b>	100	20 ± 10%	25 ± 10%
	150	30 ± 10%	25 ± 10%
<b>FE 90 PE</b>	100	20 ± 10%	25 ± 10%
	150	30 ± 10%	25 ± 10%
<b>UNI 50</b>	100	20 ± 10%	25 ± 10%
	150	30 ± 10%	25 ± 10%
<b>UNI 70</b>	100	20 ± 10%	25 ± 10%
<b>UNI 90PE</b>	100	20 ± 10%	25 ± 10%

Reels of different height and weight than those indicated above may be produced on request.

Sizes: various sizes may be produced on request

Dimensions: min 10 cm - max 150 cm

Maximum weight 20 kg

The product complies with MIL-P-3420F norm

<sup>(1)</sup> PH of extract - <sup>(2)</sup> Standard number of reels per pallet

**propack**<sup>®</sup>

Via Genova, 5/B - 10098 Rivoli (Turin) Italy

Tel +39 011 9507788 - Fax +39 011 9507808

www.propack.eu - export@propack.eu

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