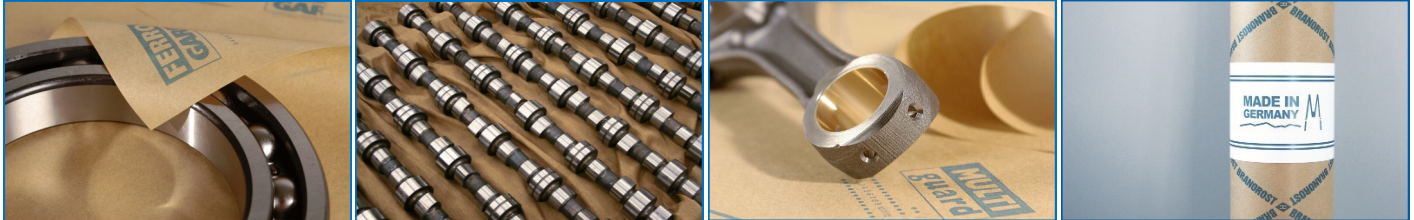


FERROGARD/MULTIguard

VCI Corrosion Protection Paper



Characteristics

FERROGARD/MULTIguard VCI anticorrosion paper is a kraft paper combined with the basic VCI quality of BRANO pac.

By constantly emitting a small amount of active anticorrosion substances inside of the packaging (VCI principle: Volatile Corrosion Inhibitor), **FERROGARD/MULTIguard** papers help to protect metal parts during transport and storage.

Active VCI agents effuse and build up a protecting atmosphere, which protects reliably against rust, even after having opened the package for a short time – the protecting atmosphere can be rebuilt immediately.

FERROGARD/MULTIguard VCI anticorrosion paper is double-side active on contact and distance. It can be used as a simple single wrap, interlayer or lining material and for basic applications in production, storage and shipping.

FERROGARD/MULTIguard Types

FERROGARD/MULTIguard papers are available in three different performances.

FERROGARD <ul style="list-style-type: none">- contains nitrite (TRGS 615 compliant)- surpass test standard DIN EN ISO 6270-2- complies with TL8135-0043, level 3	Protects iron, steel, chromium, tin, pure aluminium and cast iron. <i>The scope of protection can be extended if the used materials and alloys are known in detail.</i>
MULTIguard <ul style="list-style-type: none">- nitrite free- surpass test standard DIN EN ISO 6270-2	Protects iron, steel, cast iron (only on contact), zinc, chromium, copper, brass, bronze, pure aluminium and tin. <i>The scope of protection can be extended if the used materials and alloys are known in detail.</i>
FERROGARD M <ul style="list-style-type: none">- nitrite free- surpass test standard DIN EN ISO 6270-2	Protects iron, steel, chromium, tin, pure aluminium and cast iron. <i>The scope of protection can be extended if the used materials and alloys are known in detail.</i>

Advantages

- Minimized failure risk due to high process reliability
- Economically efficient due to high time savings in packing and unpacking
- Protected components can be used immediately after unpacking – no cleaning or degreasing necessary
- Simple and sustainable packaging
- Active corrosion protection without oiling, greasing or coating – no elaborately equipment etc. necessary
- Materials can be easily recycled and disposed of
- Development of customized solutions possible



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FERROGARD/MULTIguard

Product Information

Delivery Forms

Customer oriented in roles, sheets, bags, covers and blanks.

Requirements

The metal is to be packaged clean, dry, corrosion-free and without remnants from earlier process steps. The denser the outer package, the more permanent is the protective effect.

Sustainability

At BRANOpac, paper plays an essential role - especially seen in the long term - as a renewable raw material and with regard to the environmental idea. Furthermore, we are able to convince with decades of experience in the paper area.

"Naturally Protected" means that the customer's products are (of course) naturally protected when using BRANOpac corrosion protection products. In addition, BRANOpac strives to rely on renewable raw materials when it comes to its products.

FERROGARD/MULTIguard papers are marked with the Resy label and can be recycled in a material – or thermal utilisation. If such utilisation is not technically possible or reasonable, the material can, in accordance with local official regulations, be disposed of with domestic refuse or burned.

All papers are also available with FSC and PEFC certification on request.

Operation Safety

FERROGARD/MULTIguard VCI anticorrosion paper corresponds to TRGS 615. Please see for further information the safety information sheet.

Special Types

FERROGARD	K	- creped paper
	P	- coated with PE, water-repellent
	KP	- creped, coated with PE, water-repellent
	PX	- coated with PE, water-repellent, reinforced
MULTIguard	K	- creped paper
	P	- coated with PE, water-repellent

Storage and Duration of Protection

Should be stored cool and dry, protected from direct sunlight. In the original packaging, the storage suitability is up to twelve months.

The term of protection for cast iron can be up to twelve months and for iron and steel up to 18 months. The duration of protection can be extended if the application, storage and



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BRANOpac VCI-products are to be used as described application/packaging advice. Otherwise, no responsibility for caused damages can be taken.

All of the information contained herein is based on current knowledge and is not binding. No liability is assumed for improper use.