

FERROGARD/MULTIGUARD VCI CORROSION PROTECTION PAPER

DESCRIPTION

Ferrogard and Multiguard VCI corrosion protection papers are high quality kraft papers which constantly release small amounts of corrosion protection active ingredients (VCI: Volatile Corrosion Inhibitor), thus effectively protecting metal components from corrosion during transport and storage.

Ferrogard and Multiguard VCI corrosion protection papers work both on contact and from a distance. Protection is provided for up to 18 months depending on the climatic conditions and how tightly sealed the packaging is.



FERROGARD AND MULTIGUARD VCI PAPERS
RELIABLY PROTECT METALS AGAINST
CORROSION AND DIRT.

HANDLING

STORAGE: Store in a cool, dry place away from direct sunlight. Maximum storage time in the original packaging: up to 12 months.

REQUIREMENTS: The metals to be protected must be dry and free of residues that promote corrosion. Contact with wood, corrugated board and acidic substances must be avoided.

PACKAGING: The packaging must form an enclosed space and may not be exposed to high humidity.

OCCUPATIONAL HEALTH AND SAFETY: Ferrogard/Multiguard is not a hazardous formulation as defined in the hazardous materials ordinance and complies with TRGS 615.

APPLICATIONS



a

Ferrogard / Multiguard paper as intermediate layer



b

Ferrogard / Multiguard paper as crate liner



c

Connecting rod packaging with Multiguard

TECHNICAL DATA

	Ferrogard	Ferrogard M	Multiguard
Scope of protection	Steel, chrome, pure tin, pure aluminium, cast iron. Caution with: Cadmium, zinc, nickel, lead, tin-solder, magnesium, tungsten, molybdenum, copper and its alloys	In common with Ferrogard. nitrite-free	Steel, cast iron on contact, zinc, chrome, copper, brass, bronze, pure tin, pure aluminium. Caution with: Cadmium, lead, tin-solder, magnesium, tungsten and molybdenum. nitrite-free
Possible additional properties	- creped (K) - waterproof (P) - creped and waterproof (KP)		- creped (K) - waterproof (P)
Duration of protection	Depending on the climatic conditions and how tightly sealed the packaging is up to 18 months, Cast protection up to 12 months.	Depending on the climatic conditions and how tightly sealed the packaging is up to 18 months.	
Approvals	Approvals of various car manufacturers and their suppliers are available.		
All Ferrogard/Multiguard papers are compliant with TRGS 615 and are tested regularly by independent institutes.			

ADDED VALUE



TIME SAVING - The metal parts do not have to be greased or degreased: i.e. they can be used immediately. This saves you time and therefore reduces costs.



FLEXIBLE - The corrosion protection paper can be used flexibly as a single layer, intermediate layer or as a wrapper for complete containers.



GUARENTEED PROTECTION - Ferrogard/ Multiguard provides effective protection against corrosion even if the packaging is opened briefly. Once the packaging is closed again, the VCI protective atmosphere is fully restored.



ENVIRONMENTALLY FRIENDLY - The corrosion protection paper is easily recyclable and therefore not harmful to health.

Would you like to find out more about the protective action of Ferrogard/Multiguard?
Please get in touch for further information and advice!

Kerstin Lau,
Manager, Corrosion Protection Process
and Application Engineering



GENERAL

Information

This information was accurate at the time of going to press, is non-binding and should be adjusted where appropriate in the light of local conditions. No rights may be derived from the information contained herein.

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