

VCI corrosion protection paper Type Premio

Reliable corrosion protection
for your products



DESCRIPTION

KORUS Premio VCI corrosion protection paper is the optimal solution to effectively protect metallic components against corrosion during storage and transport.

KORUS Premio VCI Corrosion Protection Paper is a brown kraft paper that is equipped with volatile corrosion inhibitors (VCI). These permanently steam out and form a protective film around the metal. VCI papers are therefore a dry, clean way to protect metals from corrosion. Additional corrosion protection, e.g. by oiling the components, is not necessary.

KORUS Premio VCI papers are available both in rolls and as cuttings and are ideal for automatic packaging.

Applications: Wrapping, intermediate layers, individual part packaging, covers, lining of containers

YOUR ADDED VALUE



TIME-SAVING – The metal parts are ready for use immediately, as they do not have to be degreased or de-oiled first. This saves time and costs.



FLEXIBLE – The corrosion protection paper offers numerous application possibilities, e.g. for lining containers, as individual part packaging, as a cover or intermediate layer or for wrapping.



SAFE – Opening the packaging for a short time is possible (e.g. by customs) without losing the corrosion protection. The protective atmosphere automatically builds up after closing the packaging.



ENVIRONMENTALLY FRIENDLY – The KORUS Premio VCI paper consists of renewable raw materials, is 100 % recyclable and harmless to health.

TECHNICAL DATA

PARAMETER	KORUS PREMIO VCI PAPER
Scope of protection	Type FE: Steel, iron, tin, chrome Type MM: Steel, iron, tin, chrome, bronze, brass, copper, copper-containing alloys, aluminium, zinc
Properties	+ smooth + PE-coated Further versions on request
Duration of protection	Up to two years; with precise knowledge of the application, the duration of protection can be adjusted.

HANDLING

STORAGE

Store in a cool and dry place, protect from sunlight. Maximum storage time up to one year in the original packaging.

REQUIREMENT

The metals to be protected must be clean and dry. Contact with wood, corrugated board and acidic materials must be avoided.

PACKAGING

The packaging must form a closed space.

OCCUPATIONAL SAFETY

KORUS Premio VCI paper is not a hazardous substance in the sense of the Ordinance on Hazardous Substances and complies with TRGS 615.

THIS IS HOW CORROSION OCCURS

Corrosion is a reaction of a metal with moisture and oxygen.

The moisture in the air is often enough to trigger corrosion.

However, corrosion does not take place at a relative humidity below 40 %.

Corrosion accelerators are among others
+ **Salts** (e.g. from process baths)
+ **Hand sweat**
+ **Atmospheric pollution** (e.g. industrial waste gases)
+ **Aggressive compounds** from packaging material (acid from wood, waste paper containing paper and cardboard)

Therefore, metallic components should always be **dry** and as **free as possible from residues** on the surface.