

COR-MITTER® VCI EMITTER

APPLICATION:

Cor-Mitter® VCI dispensers are a simple and uncomplicated way of adding VCI corrosion protection to existing packaging or transport containers or adapting them to increased loads. Cor-Mitter® VCI dispensers can replace conventional corrosion protection agents such as oils, greases or desiccants.

Another advantage of Corpalin® VCI packaging is that the previously required removal of coatings, grease or cleaning of the protected parts is no longer necessary. Your product is ready for immediate use.

The Cor-Mitter® VCI emitters VCI 1000 or VCI 500 fit into practically any transportation container and are simply inserted into the packaging or can be inserted into prefabricated recesses. Due to very high VCI dosage, the Cor-Mitter is also suitable for reusable use.

Cor-Mitter® VCI Strips are endless VCI cords made of polyethylene and offer the perfect corrosion protection for hard-to-reach interior spaces, e.g. pipes, profiles or lines with narrow diameters.

FUNCTION:

In the field of corrosion protection, VCI stands for "Volatile Corrosion Inhibitor". The VCI active ingredients sublime from the VCI emitters and condense on all metal surfaces in the closed packaging. All areas of the surface to be protected are reached via the vapor phase and thus effectively protect both the outer and hard-to-reach inner surfaces from corrosion. The products are fully protected against corrosion damage during storage and during domestic and overseas transportation.

ADVANTAGES:

- Simple application and dosing
- Very high VCI potential / long-lasting active ingredient reserve
- Automated packaging possible thanks to standardized shapes
- Reusable use possible (also with RFID)
- Perfect VCI dispenser for long-term storage
- TRGS 615 compliant
- Parts can be used immediately - dry, clean and corrosion-free

CORPAC DEUTSCHLAND GmbH & Co. KG

📍 Robert-Bosch-Straße 4
71720 Oberstenfeld

☎ +49 7062 914360

@ info@corpac.de
🌐 www.corpac.de





Cor-Mitter® VCI Emitter

PRODUCTS

- VCI 1000 – VCI dispenser
Tyvek® bag with VCI active ingredient in a plastic capsule
- VCI 500 – VCI dispenser
Tyvek® bag with VCI active ingredient in a plastic capsule
- VCI sachet
Tyvek® bag with VCI active ingredient without additional outer packaging
- VCI-Stripe 25
VCI cord made of PE with VCI active ingredient, on roll

PROTECTED METALS / ALLOYS **

- Steel, zinc, Carbon steel, stainless steel, galvanized steel
- Copper, brass, bronze, various cast irons
- Magnesium
- Aluminum alloy [5xxx (Mg), 6xxx (Mg, Si), 7xxx (Zn)]
- Silver

TECHNICAL DATA

VCI CORROSION PROTECTION	If used correctly and in accordance with the application instructions, 2 - 5 years.
DURABILITY	The shelf life in the original packaging under normal conditions (protected from direct sunlight and moisture) is 5 years.
SUSTAINABILITY	Possible with maximized recycled content (Corpac Green Life variant)

FEATURES & APPLICATION

VARIANT	DIMENSIONS	PROTECTION VOLUME	APPLICATION
VCI 1000	175 x 50 x 20 mm	1000 Liter	Reusable trays Large packaging volumes
VCI 500	75 x 50 x 17 mm	500 Liter	Reusable trays Large packaging volumes
VCI Stripe 25	Roll material 2,5 mm x 1000 m	Pipes inner diameter < 200 mm	Narrow pipe systems

** For metal parts with special surface conditions (increased roughness, residues of processing or washing media) we recommend carrying out a climate chamber test with model packaging or contacting our technical department.