

Cor-Foam® VCI-Foam

APPLICATION:

Cor-Foam® VCI foam is a flexible polyurethane foam with a high VCI concentration. It offers a simple and uncomplicated way of adding VCI corrosion protection to existing packaging or transport containers or adapting them to increased corrosion loads.

Cor-Foam® VCI foams can replace conventional corrosion protection agents such as oils, greases or desiccants. Another advantage of Corpac's VCI packaging is that there is no need to remove coatings, grease or clean some of the protected parts. Your product is ready for immediate use.

Thanks to its high VCI potential, Cor-Foam® VCI foam offers particularly fast VCI protection, making it the perfect complement to Corpalin® VCI film, especially for corrosion-sensitive surfaces or particularly large packaging volumes.

FUNCTION:

In the field of corrosion protection, VCI stands for "Volatile Corrosion Inhibitor". The VCI active ingredients evaporate from the Cor-Foam® VCI foam and condense on all metal surfaces in the closed packaging. All areas of the surface to be protected are reached via the vapor phase, effectively protecting both the outer and hard-to-reach inner surfaces from corrosion. You receive complete protection of the products against corrosion damage during storage as well as during domestic and overseas transportation.

ADVANTAGES:

- Simple application and dosing
- Very high VCI potential / long-lasting active ingredient reserve
- TRGS 615 compliant
- Parts can be used immediately - dry, clean and corrosion-free

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Cor-Foam® VCI-Foam

PRODUCTS

VARIANT	DIMENSION	VOLUME OF PROTECTION	APPLICATION
● Cor-Foam® Rolls	1500 mm x 60 lfm	individual	Customized
● Cor-Foam® Cutting	1500 x 200 mm	1000 Liter	for machine packaging, container shipping
● Cor-Foam® Cutting	250 x 250 mm	210 Liter	Mesh boxes
● Cor-Foam® Cutting	100 x 100 mm	33 Liter	KLT, small containers
● Cor-Foam® Self-adhesive	25 x 25 mm	2,5 Liter	self-adhesive
● Cor-Foam® Round pieces	Ø 20 mm	2,5 Liter	Single packaging

PROTECTED METALS / ALLOYS *

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

* 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.

