

# VCI protective packaging

...with integrated corrosion protection



[www.rose-plastic.us](http://www.rose-plastic.us)

rose  plastic®  
protective packaging pioneers

VCI protective packaging provides long-term protection to metallic parts against corrosion. The volatile corrosion inhibitors, also referred to as VCI, consist mainly of nitrite compounds or amino salts which can be integrated into different plastic materials. Within the closed packaging space, the VCIs outgas gradually from the packaging substrate. When the saturation point is reached, they are adsorbed onto the metal surfaces and form an effective protective layer against oxygen and water.

## PRODUCT FEATURES

- Effective and long lasting protection against corrosion
- Metal parts are clean and ready for immediate use after unpacking – no additional cleaning or extra processing is necessary
- Environmentally-friendly thanks to the reusability of packaging and saving of solvents
- Our VCI-packaging fulfils the occupational exposure limit values according to TRGS 900
- The use of customised VCI materials guarantees the perfect protection for your ferrous and non-ferrous metal products
- Easy and speedy handling save time and money
- Excellent for stacking and storage
- Sturdy, oil and moisture resistant

## AVAILABILITY

- all standard products available in PP transparent and PE natural
- customized packaging solutions upon request
- packagings are delivered in sealed polybags

## DURABILITY

- approx. 2 years in the original packaging
- approx. 5 years in carton and closed polybags

## HANDLING INSTRUCTIONS

-  always store VCI in the original packaging
-  keep VCI cool and dry
-  wear gloves when handling metal items