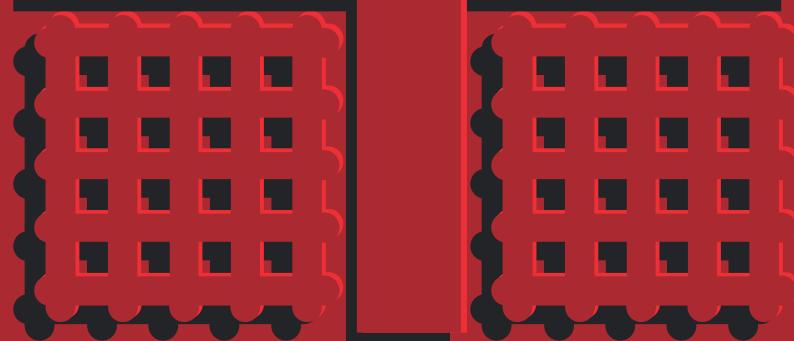


**There's Only One Solution**



**PROTECTION  
BEFORE  
PERFECTION**



## ABOUT THE COMPANY

**BENZ Packaging** provides Complete Packaging Solutions for transport packaging to various industries. **BENZ Packaging** has a strong presence and leading market position in Tooling, Manufacturing, Automotive, Renewable-Energy, Power transmission & distribution, Telecommunication and Engineering industry. Our business concept is to provide engineered packaging solutions that guarantee safety, reduce total cost and have minimal environmental impacts.

**BENZ Packaging** custom made packaging solutions will resolve your corrosion problems while increasing your company's profitability by reducing operating costs, increasing process yields, and enhancing your customers' satisfaction.

**BENZ Packaging** specialized team of recognized corrosion technology experts ensures that our corrosion protection systems are both the most effective and environmentally responsible.

## GLOBAL PRESENCE

Our globally structured organization and worldwide presence mean we offer consistent services around the world, with the flexibility to adapt to local needs. We are there for our customers wherever they are.

Find out the locations we are present in:



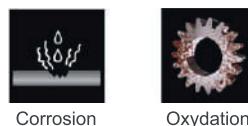
Protection has  
a trump card!

## PROPATECH VCI PAPER

The volatile molecules that impregnate the **PROPATECH VCI** papers are deposited on the metallic surfaces, forming a complex capable of cancelling the attacks of many environmental pollutants, thus protecting from corrosion.

**PROPATECH VCI** paper is available in **Ferrous** as well as **Universal Grade** and is perfect for packaging steel automotive parts, steel coils, wire, steel bars, steel tubing, steel forgings and die casting, raw and machined forgings and castings, metal stampings, springs, bearings, copper, brass, bronze, zinc, galvanized metal, powdered metal parts, engines, machinery, equipment, tools, instruments, motors, electronic components, controls, printed circuit boards and more.

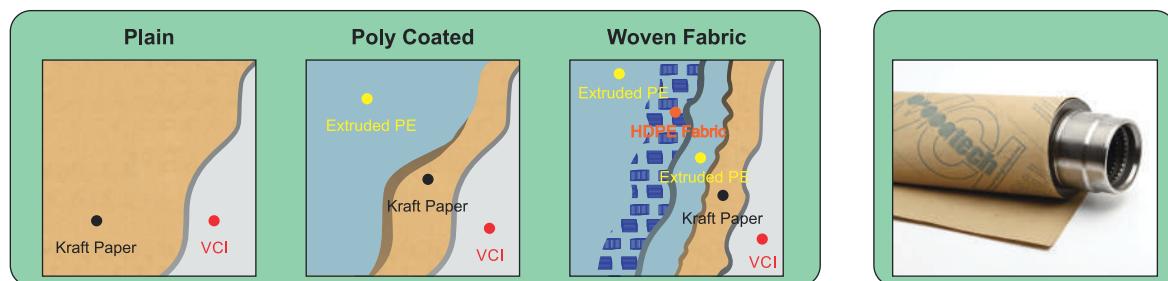
To solve problems caused by:



Corrosion



Oxydation



## PROPATECH VCI FILM

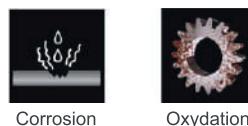
All Round

Multi-Metal Protection

The products of the **PROPATECH VCI FILM** range are made by introducing the **PROPATECH VCI** additive into the still melted material during the film co-extrusion phase. The additive is then able to sublime from the plastic, guaranteeing protection from the corrosion of the packed metallic details.

The **three-layer co-extrusion** is the main feature of the standard **PROPATECH VCI FILM** products. The co-extrusion guarantees increased mechanical resistance and a single-directionality of the **PROPATECH VCI** molecules.

To solve problems caused by:



Corrosion



Oxydation

Metals Protected	Product
Universal Metal Barrier	Propatech VCI film
	Propatech VCI Stretch film
	Propatech VCI Sandwich Bubble film
	Propatech VCI Woven Fabric film
	Propatech VCI Foam film
	Propatech VCI Anti Static film



Effective, economical  
and ecological prevention

## PROPASEC DESICCANTS

**PROPASEC** Desiccant bags represent the most successful and safe solution to reduce the humidity level inside your packaging. Thanks to its absorption capacity, **PROPASEC** reduces the dew point inside the package allowing to protect the product qualities and properties against humidity attack.

**PROPASEC** bags allow to transport and stock safely your products for a long time. And are made by a natural mineral material which makes them a safe, environmentally friendly product. Special care is taken while selecting clays and textiles to guarantee top quality in terms of resistance and high absorption level.

To solve problems caused by:



Enviromental conditions



Temperature



Internal moisture



## C DRY DESICCANT BAGS

Effective, economical  
and ecological prevention

**BENZ Packaging C DRY ® desiccant bags** contains a specially developed adsorbent moisture (Bentonite Clay and Silica Alumina Clays) which can adsorb **up to 100% of their weight** (at 40C / 95% RH) and enclose moisture. Protection against such changing conditions is important to prevent damage during transport by truck or train and **long term storage** as well.

**BENZ Packaging C DRY ® desiccant bags** are designed to last over longer periods of time. They are capable of adsorbing humidity over the course of 90 days and beyond and thus protect the transported goods against moisture related damage. **BENZ Packaging C DRY ® Desiccant** are suitable for contact with metal. The bags are made of **Tyvek** which is a material with outstanding resistant properties.

To solve problems caused by:



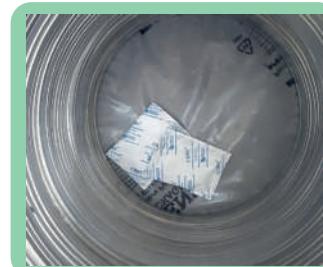
Enviromental conditions



Temperature



Internal moisture



## PROPATECH VCI EMITTER:

Protection  
Spreads

**PROPATECH VCI NOXY / VCI Tablets** is a mobile VCI Integrator containing activated VCI molecules that quickly and constantly spread within your packaging throughout your products entire voyage, also managing to reach hidden points, which are normally difficult to protect.

The **PROPATECH VCI** Emitters remain active until the environment is saturated. Through its oscillating technology, it emits a new active protective substance, every time the vehicle moves till the time the vehicle reaches its destination & the package is opened, providing incomparable, intense and long lasting protection.

To solve problems caused by:



Corrosion



Oxydation



## VCI 25® - EMITTER

Protection  
Spreads

**BENZ Packaging VCI 25®** are VCI Emitter pouches designed to provide corrosion protection for metal components and parts enclosed in non-ventilated voids, cabinetry or tool boxes. **VCI 25® Emitters** emit **anti corrosion vapours**, which deposit an invisible molecular layer on metal surfaces to protect metal and electronic equipment during operation, shipping or storage. **VCI 25® Emitters** are small breathable pouches (available in foam as well), through which the corrosion inhibitor is slowly released and moisture and air pollutants which enter the packaging are absorbed. It **provides long-term protection** against corrosion even in the presence of moisture.

The VCI contained in **VCI 25®** sublimates to form a thin layer on the surface to be protected which is able to **neutralise corrosive agents** such as water vapour, oxygen, saline atmosphere, sulphurous gases and the most common industrial environmental pollutants present in the air.

To solve problems caused by:



Corrosion



Oxydation



Long protection  
against humidity

## PROPADRY CONTAINER DESICCANTS:

**PROPADRY** systems are new and Patented products that Propagroup has developed in order to neutralize the formation of condensate inside closed spaces and packages, thereby protecting the quality of your products.

With **PROPADRY** System the excess moisture in the air is eliminated for a safe and effective cargo protection avoiding mould, moisture spots, corrosion damages, peeling labels and many other harmful effects caused by humidity during transport or storage. Moreover, **PROPADRY** System absorbs up to four times its weight.

To solve problems caused by:



Climate variations



Condensation



Container exposure



## BE DRY® DESICCANT BAGS

Long protection  
against humidity

**BE DRY ® DESICCANT BAGS** are specifically developed for the use in automobile and engineering industry to protect goods from damage caused by moisture during transit and storage. The **CACL<sub>2</sub> desiccant bags** adsorbs large amounts of moisture to protect goods in boxes and ferrous and non-ferrous products from rusting by **reducing the relative humidity** keeping it below the critical dew point.

**BE DRY ® DESICCANT BAGS** contain a specially developed moisture adsorbent (Calcium Chloride and Silica Alumina Clays) which can **adsorb more than 200%** of their weight (at 40C / 95% Rh) and enclose moisture. This highly efficient protection also works against “container rain”, which occurs due to condensation in large steel containers because of temperature and climate changes in the course of long sea transports.

To solve problems caused by:



Climate variations



Condensation



Container exposure



Protection  
Against Vapour

## PROPAMETIC VACUUM BARRIER FILM:

**PROPAMETIC** barrier films are a range products designed and developed for the packaging of products sensitive to moisture and weathering. **PROPAMETIC** films are particularly suitable for a long-term preservation of materials that need a constant environment to maintain their properties.

**PROPAMETIC** barrier films are multi-layered products obtained laminating of 3 or 4 technical materials supplying a very powerful barrier against water vapor and moisture. In addition to being waterproof, the technical properties of **PROPAMETIC** films give the product a high mechanical resistance and make it easy to weld.

To solve problems caused by:



Climate variations



Condensation



Container exposure



## BENZ PACKAGING ALUMINIUM BARRIER

Protection  
Against Vapour

**BENZ Packaging Aluminium Barrier** is produced by **multiple layers** of Polyester, Nylon, Foil and Polyethylene to provide a strong and safe package for moisture sensitive products. This highly flexible structure is easy to Vacuum & Seal. The Multi-layer construction provides **superior puncture resistance** against vacuum packed trays, reels and tubes.

**BENZ Packaging Aluminium Barrier** is suitable for **long term preservation** of materials that need constant environment to maintain their properties and are available in custom made caps, sacks and bags suitable to cover or contain materials or equipment's. We also support Sealing and Vacuum Machines.

To solve problems caused by:



Climate variations



Condensation



Container exposure



Contact

## LOC RUST RP OIL:

Corrosion Inhibitor

**LOC RUST RP** Oils are formulated to produce very rapid water displacement and to leave thin, transparent, corrosion resistant films for ferrous and non- ferrous metals. They will not gum under high humidity and high temperature conditions and are harmless to plastics, rubber and paints and contain no silicone. They are applied to dry metal parts for protection while in process or storage. Excellent protection for unfinished dies, jigs, tools, machine surfaces, office machines, firearms, fasteners, automotive and marine equipment.

RP Series	Product Properties
LocRust DW 791	Outstanding water displacing penetrating oil. Will cut through the toughest cutting oils or dirt. Safe to use on all metals and leaves a clean, non-sticky rust inhibiting protective film. Short term protection.
LocRust 793 P	Excellent water displacement properties. Makes a very soft waxy film. Best suited for sheet metal and other precision parts during shipment and storage. Medium term protection.
LocRust 793 SH	Excellent water displacement properties. Makes a thin and very soft waxy film. Best suited for forging and casting application. Medium term protection
LocRust 793 QD	Intensive and improved dewatering with very short drying time. Excellent resistance to acidic and alkaline contamination. Medium term protection with very thin film.
LocRust 793 S	Soft waxy protective film. Excellent water displacing properties with finger print neutralization. Best suited for Multi-Metals. Offer excellent long-term protection both indoor and outdoor.
LocRust 793 PU	Dry type oil. Makes a slightly thick oily film. Used for all mechanical parts made of mild steel, which are to be stored for a period of more than two years. Long-term protection with mild film.
LocRust 795 HF	Leaves a light oil film. Formulated for good resistance to humidity and salt spray. High Flash Point, thus excellent coverage and low evaporation. Best suited for multi-metals. Medium term protection.
LocRust RP 100	Leaves a light, soft oily film. Used for sheet metal parts and other kind of precision parts during transit and storage. Medium term protection up to 6 months and recommended for domestic applications.
LocRust SP	6 in 1 multifunctional oil spray which is specifically designed to provide six outstanding functions such as – prevent corrosion, lubricate, penetrate into rusted and sticky/jammed parts, displace moisture, clean and reduce noise and chattering.



**Economical**
**Ecological & Biodegradable**

## NEUTRAL RUST REMOVER:

**NEUTRAL** is an unique, environmentally friendly & biodegradable type Rust Remover. Since it is water based neutral pH product; it has no odor, fumes and acids and is safe on hands and products. Can easily remove light to medium rust without harming steel, plastic, rubber & paint. Requires no special equipment or scrubbing. Best effective if used with Ultrasonic Cleaning Machine.

**NEUTRAL** is a highly effective, pH safe Rust Remover that completely recovers rusty parts. With **NEUTRAL RR**, parts can be completely restored to rust-free conditions, replacing labour intensive and abrasive cleaning that damages surfaces. **NEUTRAL RR** works by breaking the iron oxide bond. The active ingredient reacts only with iron oxide and therefore, does not harm any other metals & non-metals. Simply soak rusty parts in **NEUTRAL RR** let them dry after rust removal.


**Smart  
& Sustainable**

## INSIDE BOX PROTECTIVE PACKAGING

The Paper Cushioning System is the ideal protective packaging solution for heavy weight products. With paper pads, even heavy products can be **securely blocked** and **braces** in cartons and cushioned all around. At the press of a button, Paper Pads produces robust, tear-resistant, but also flexible and highly **malleable paper cushioning**.



Light as a feather and reliably shock-resistant, our Air pillows are the **Optimal protective packaging** for sensitive products. A variety of pillow shapes can be produced as required directly at the packing station, therefore saving valuable storage space. The range includes **four different film types**: Prepackaged products can be ideally blocked and braced in the carton, as the large air pillows optimally fill the void. Smaller and medium-sized Cushion and Bubble air pillows are **exceptionally flexible**, and can be used to **cushion, block and brace** or wrap sensitive products.



## TRADITIONAL PACKAGING

All Round  
Protection

With over 38 year of experience, **BENZ Packaging** have grown the business by listening to our customers and adapting to their needs, Being locally owned, operated & present in multiple locations - allows us to be more flexible with our service and adapt to our customers needs when required. Since the time of conception, we have been providing complete packaging solutions to varied industries. These solutions not only involve protective packaging but traditional packaging also without which the packaging cannot be complete.

Right from wooden pallets onwards to container stuffing, **BENZ Packaging** has all the products required to make the despatches. We have continued to evolve and remain relevant to our customers by expanding our products & services, making procurement easier to improve the customer experience.

### Other Packaging Products



**LDPE Bags & Rolls**



**Foams**



**Polyester Pouches**



**Bags on Roll**



**Compostable &  
Bio Degradable Bags**



**Angle Board**



**Corrugated /  
Honeycomb Box**



**Wooden Boxes &  
Pallets**



**Stretch Films**

**And Many More....**

The future of  
**Packaging**

## RETURNABLE PACKAGING

### BENZ Tribe Stout Box

800 mm x 1200 mm x (Any Size)

Foldable Lid Container

Weight Bearing –

1000 Kgs Dynamic / 3000 Kgs Static



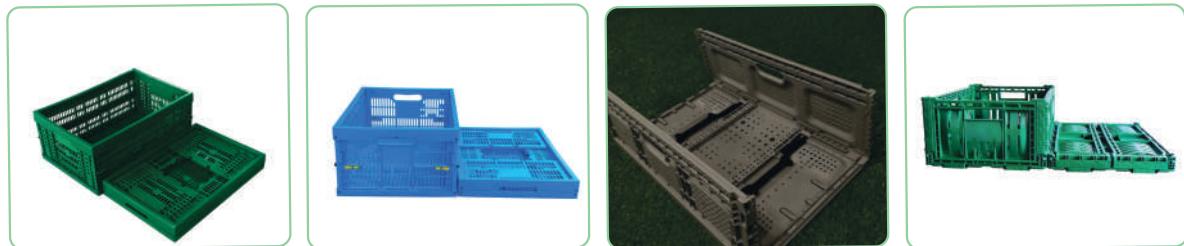
### BENZ Tribe Foldable Crates

Multiple Sizes

With Lid / Without Lid

Heavy Duty / Light Weight

Collapsible



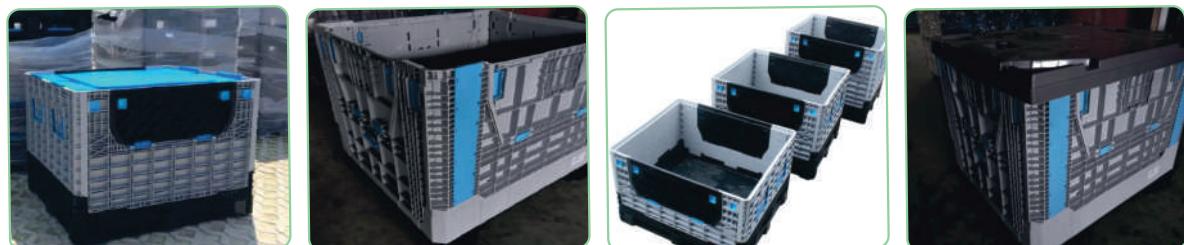
### BENZ Tribe HDPE Box

1000 mm x 1200 mm x (Any Size)

Plastic Pallet Box

Weight Bearing –

1000 Kgs Dynamic / 4000 Kgs Static



# There's Only One Solution




Authorised Channel Partner

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