

BRANOpac

Clean and safe, straight to
the destination with high level
corrosion protection solutions



We protect your products ...
... maintaining the value of good products



Branopac India PVT. LTD.
Subsidiary of BRANOpac GmbH, Germany
Solutions with System

Corrosion and its protection methods

BRANOpac – the safe and efficient partner



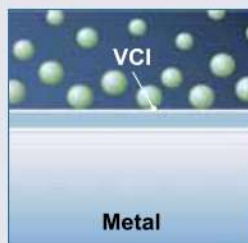
Safeguard your products with BRANOpac

Our technologies have been developed to create corrosion protection solutions that are more than a match for the toughest conditions. Whether as plastic film, aluminium composite, liquid or paper-based form, BRANOpac products are synonymous with perfect performance, offering the best possible protection for high-quality metal products.

Good products need good protection We protect your products

- Indian engineers craft wonderful metal products
- Behind each good product, there is immense hard work, investment coupled with loads of perspiration
- Inadequate protection often becomes cause of tremendous losses due to corrosion during shipment and storage
- BRANOpac provides safe, efficient and cost effective solutions
- BRANOpac deals in all temporary corrosion protection methods

Three methods for protecting your valuable metal parts against corrosion



Volatile Corrosion Inhibitor (VCI): VCI forms a layer of protection on metal surfaces and displaces moisture. It repairs the passive layer and neutralizes the pH value. BRANOpac VCI formulations are considered most effective and the best in the world. VCI chemicals are specific for each metal. Please consult us for usage and storage guidelines.



Oil coating method: Metals are coated with a film of oil or wax containing corrosion inhibitors. The application can be carried out by dipping, spraying or with brush. Depending on the application, BRANOpac offers thin oil films that do not need to be removed.



Aluminium barrier foil method: The aluminium barrier foil packaging keeps the humidity away from further entry. Dessicants absorb and bind humidity inside the packaging. The aluminium barrier foil needs to be vacuumised and sealed properly.

Good reasons for better solutions – Why BRANOpac?



The company DNA

Quality

BRANOpac safeguards its product quality in optimised business processes that are certified in accordance with ISO 9001.

Manufacturer

BRANOpac as a manufacturer determines and monitors all development and production processes.

Customers and products

Customers and their products are at the heart of BRANOpac's work, which is why they are trusted by renowned companies all over the world.

Environment

BRANOpac helps to protect the environment – through work processes certified in accordance with ISO 14001 and by using natural, fully recyclable paper and pulp for its products.

Worldwide

BRANOpac is represented on four continents and has a worldwide production and sales network.

Laboratory, analytics and application technology

BRANOpac has a state-of-the-art analytics laboratory, the technology and know-how which are also used for individual application consulting.



About BRANOpac

Venture initiated in 1875 by Buscher family diversified into various fields across the world. The BRANOholding, owns two business manufacturing units BRANOpac, BRANOfilter having plants in Germany, India and China and offices and partners across the world.

BRANOpac India initiated in 2002, has steadily and swiftly established all India customer network and also exports to other Asian countries.



VCI papers and corrosion protection emitters from BRANOpac

High-performance BRANOc cell products – protection for all requirements



BRANOROST VCI corrosion protection paper is a high-quality BRANOpac product with the tried and trusted premium VCI quality of BRANOpac for outstanding protection. It is available in an R, U and M version, depending on the needed scope of protection.



FERROGARD VCI anticorrosion paper is a kraft paper combined with the basic VCI quality of BRANOpac. Protects iron, steel, chromium, tin, pure aluminium and cast iron.

MULTIGUARD VCI anticorrosion paper is a kraft paper combined with the basic VCI quality of BRANOpac. Protects iron, steel, cast iron (only on contact), zinc, chromium, copper, brass, bronze, pure aluminium and tin.



BRANOCOP VCI anticorrosion paper is a high quality kraft paper coated with the premium VCI quality of BRANOpac in particular for copper, brass, bronze and nickel silver.



BRANOROST Chips are saturated with the premium VCI quality of BRANOpac and give excellent cushion and scratch protection for metallic components and surfaces. **BRANOROST Chips** combine protection against damage and corrosion. **BRANOROST Chips** have a repository effect.



In packages or containers lined with **BRANOROST Chips**, a protecting atmosphere is built up, which reliably prevents corrosion of metal parts even after having opened the package for a short time.

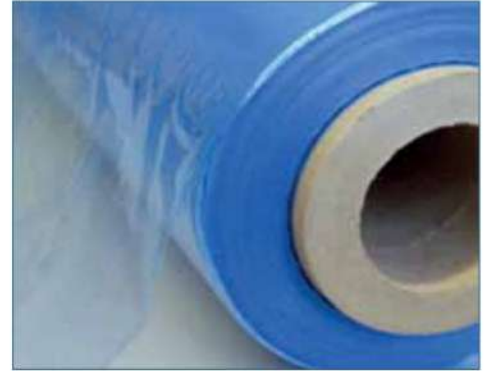
Corrosion protection VCI films from BRANOpac



High-performance BRANOpac products – protection with transparency



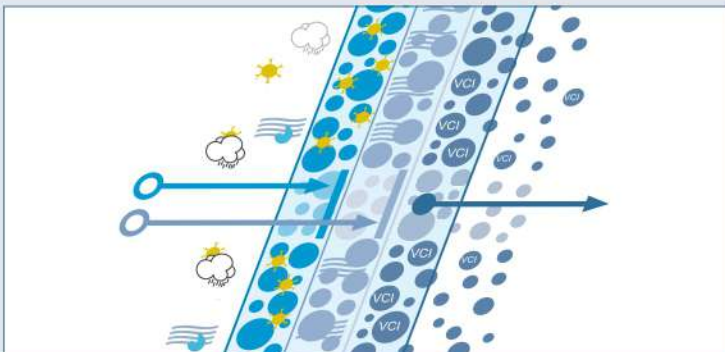
BRANOpac's VCI films marketed under the **BRANOfol** brand offer outstanding corrosion protection for your products. We offer different qualities of **BRANOfol** in order to ensure the protection of all metals. Depending on your application, M3, M1 and R1 are available.



BRANOfol M5, R5 Stretch are films optimized for contact protection. They come as bluish transparent stretch films, adhesive on one side, with active VCI corrosion protection on both sides.



BRANOfol Multifunction from BRANOpac has a special three-layered structure for a multiple protection against any type of corrosion influences, bad environmental impacts or water for all metals and their alloys. It sets the new standard for an efficient and economical corrosion protection.



Firstly a perfectly harmonised system of high transparent barrier films provides a very low permeability of water vapor, oxygen and industrial air pollutant. On the other hand the established VCI system actively protects all types of metal components against corrosion in worldwide air, land and overseas transport.



BRANOfol LP special polyethylene air cushion films are high-quality films which offer active corrosion protection on one side as well as efficient air-cushioned protection.



BRANOfol R2 Skinfilm is a transparent special polyethylene (PE-LD) lower density film, one-side coated with an adhesive promoter and VCI corrosion inhibitor.

Corrosion protection fluids and climatic packaging from BRANOpac

High-performance BRANovac and BRANOfluid products – protection in all occasions



BRANOrol is a mineral oil-based corrosion protection oil. It may be used directly on metal surfaces ensuring contact protection and also emits small amounts of corrosion protection agents into the surrounding air through the oil layer VCI principle.



BRANOtect is a light corrosion protection fluid made from refined mineral oil, petroleum distillates and corrosion protection additives to ensure a highly effective protective film against corrosion. It contains neither silicones nor lanolin. It forms a highly effective temporary protective film against corrosion that has the ability to repair itself in the event of minor damage.



BRANOgel is a desiccant on clay basis, corrosion neutral, granulated and packaged in bags made out of dust and tearproof paper or fleece. The drying agents remove the vast majority of moisture out of the air.



BRANOrol C10 and **B60** are alcoholic and aqueous active substances for the corrosion protection of different metal groups. They are used for the diluted application in processing fluids or rinsing baths.



Vacumetic, **Vacupac** and **Alfopac** are aluminium composite films designed to meet application-specific usage situations. Together with BRANOgel they form an atmospheric packaging against moisture.

Applications – small metal parts to big machines and coils



High-performance BRANOpac products – protection according to your needs



We protect: automotive completely and semi knocked down, automotive parts, precision parts, precision tools, forgings, castings, sheet metal parts, machineries, metal coils, metal wires, metal tubes, power gen equipments, engineering assemblies, electrical assemblies

Worldwide – at your service across the world



BRANOpac
AMERICA

BRANOpac
EUROPE

BRANOpac
ASIA CENTRAL

BRANOpac
ASIA EAST

Competence Center for Corrosion Protection ASIA CENTRAL

What makes the BRANOpac Competence Centers around the world so unique is the incomparable service that they provide: from expert advice to manufacturing and best packaging. With BRANOpac, you receive not only a product but a complete service package, worldwide support and innovative consulting services, all of which ensures that your valuable products reach their destination clean and safe.

Thanks to its combination of innovative technologies and decades of expertise, BRANOpac is able to guarantee its customers top quality when it comes to optimizing all key work processes.



Decades of trustworthy association

ABB • Atlas • Copco • Audi • BMW • Bobst • Bosch
Brembo • Buderus • Chrysler • Claas • Danfoss
Delphi • Demag • Ferrari • Fiat • Ford • GM • Honda
Honeywell • INA • John Deere • Mahle • MAN
Opel • Peugeot • Recaro • Renault • Rolls Royce
Škoda • ThyssenKrupp • Toyota • Valeo Added
Volkswagen • Volvo • ZF etc.



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