

GP4 BRANOfol LPM 6.18 (Air cushion film)

Temporary corrosion protection.
Safe and efficient.

The BRANOplast
product group –
an overview:

GP1 BRANOfol M 1
GP2 BRANOfol M 3
GP3 Skinfilm
GP4 Air cushion film
GP5 Stretchfilm
GP6 Masterbatch



■ Characteristics

BRANOfol LPM 6.18 is a nitrite- and amine-free special polyethylene air cushion film, which, as well as offering air-cushioned protection, also provides active one-sided corrosion protection. BRANOfol LPM 6.18 is waterproof, weldable (heat-sealable) and suitable for automated packaging for bag manufacturing.

The film continually releases tiny traces of active substances into the atmosphere inside the packaging, meaning that metal surfaces that are not directly in contact with the film also benefit from protection. The distance between film and the surrounding metal surfaces will depend on the packaging volume and the amount of time needed for a protective atmosphere to build up – 10 cm can be used as a rule of thumb. Depending on the packaging volume, it can take up to 20 hours for a sufficient protective atmosphere to develop.

Long lasting metal.



BranoGuard
CORROSION PROTECTION



■ Scope of protection

Steel, cast iron (limited, only on contact); reliable corrosion protection for nickel, aluminium, chrome, copper and its alloys. Care should be taken with zinc and cadmium and magnesium alloys.

■ Application

BRANOfol LPM 6.18 must create a closed space when the packaging is finished; make sure that water cannot penetrate and that no solvents are in the packaging. The surfaces to be protected must be dry and free from corrosion-promoting residues such as finger sweat, aggressive detergent-based substances and others. It is also essential that no substances are present that might damage the corrosion-protection system (a compatibility test may have to be carried out). When packaging the goods, make sure that the blue side of the film is facing the product. It is important that protected materials be kept away from contacting wood or acidic materials. It is also important to make sure that no atmospheric contamination exists and that relative atmospheric humidity is kept low (make sure that there is no wood in the packaging).

BRANOfol LPM 6.18 is weldable (heat impulse sealing).

BRANOfol VCI products are to be used exclusively for the stipulated applications (packaging/preservation of metal parts susceptible to damage). We accept no liability for consequential damage resulting from improper use.

■ Film quality

The thickness of the VCI laminated film is 80 µm, bubble diameter is approx. 10 mm.

■ Available product sizes

Flat film, sheets and flat bags.

■ Storage

Cool and dry, away from direct sunlight. The product can be stored for up to 12 months in its original factory-packed condition.

■ Disposal

BRANOfol LPM 6.18 can be introduced into a recycling process. Soiled films must be disposed of in an incineration process.

■ Work safety

BRANOfol LPM 6.18 is not a hazardous formulation as defined in the hazardous materials ordinance. Further information can be found in our Material Safety Data Sheet.

The information given is in line with current state of knowledge, is non-binding and might have to be adjusted to meet local requirements. No liability is accepted for this information. Please contact us in case of doubt.

BRANOGuard is a
product line of the
BRANOpac GmbH.
Do not hesitate to ask
for further product lines.

Long lasting metal.

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