



Films PRO PAK'R 200x130 HD Low Static

- Low-static component
- Flexible void Filler
- RFID technology

The PRO PAK'R 200x130 Premium Low Static film allows to void fill and block & brace electric products.

It also complies perfectly with the European legislation for packaging and packaging waste: EN13427.

Polyethylene film with low-static additive

Like most plastics, polyethylene (PE) is an insulating material. In this film grade, a low-static additive is added to the PE to prevent built-up of static electricity at the surface of the film.

Principle of action of low-static additive in PE film

Static electricity may build-up at the surface of all insulating materials. These materials are characterized by high surface resistance ($R_s > 10^{11} \Omega$). The actual surface resistance depends on a number of factors, the most important being the nature of the material itself and the relative humidity. Dissipation of electrical charge at the material surface is possible if the R_s is lowered to values below $10^{11} \Omega$.

Machine & Accessories

The PRO PAK'R is equipped with the latest technology. It is fast, smart, easy to use and compact. It works with various films.



The principle of action of the additive in this film is lowering the surface resistance by binding water molecules at the film surface. The water molecules form a very thin conductive layer at the surface of the film that is capable of dissipating the static charge. This way, presence of static charge at the polyethylene film surface will be significantly reduced.

The anti-static additive is added to the bulk of the PE during the film extrusion process. Therefore, a reservoir of additive is present in the film and the additive will migrate to the surface of the film where it becomes active. The additive will remain active until the supply is depleted and migration towards the surface of the film stops; the activity of the additive will be highest between 3 weeks and 6 months after film production. After this period, reduction of surface resistance will decrease and the anti-static properties will gradually disappear.

Air Cushion Specifications

- Size cushion: WxL= 200x130 mm
- Thickness: 23 micron
- Material: HDPE
- Milky white, with green print
- 100% recyclable
- Product code: 4079001

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Specifications

ROLLS

- Roll length: 900 metre
- Roll weight: 8 kg
- Volume per roll: 5.5 - 6.0 m³

PALLET

- Rolls per pallet: 78
- Number of layers: 6
- Rolls per layer: 13
- Pallet weight: 684 kg
- Pallet dimensions: LxWxH in cm= 120x80x137



Characteristics

Environmental Friendly

- 100% Recyclable
- Suitable for energy recovery
- Very light, 99% air
- Complies with EN13427 standard for packaging and packaging waste
- Printing is made from water-based ink

Technical Specifications

- Non toxic
- Groundwater neutral
- Chemically inert
- Dust-free
- Wear-resistant
- Can be transported problem free via the existing recycling systems for PE
- Water repellent

Storage Conditions

- Store covered in a clean dry room
- Average storage condition should be 20°C (max. 30°C)
- During winter we recommend to store the rolls on site at room temperature at least 24 hours before use
- Keep the rolls out of direct sunlight
- Rolls must be kept at least 2m from any heat source

Packing Applications



- Void Fill



- Block & Brace

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