GRANITOL

HDPE FILMS WITH PERMANENT ANTISTATIC AGENT (PAS)

MIKROTEN®

Group Packaging Films	Boil-in Bag Films	HDPE Films MIKROTEN®
Hygienic Disposables Films	Packaging Films	Wicket Bags
Laminated Films	100% Recyclable Packaging	Laminated Bags/Pet Food Bags
Protective Adhesive Films	Films with Polypropylene	Technical & Cover Films
Palletising Films & Stretch Hood	HDPE Anti-scratch Films	HDPE Films with PAS
Bags, T-shirt Bags, Sheets	Granitol MIKROTEN® Bags	Dog Waste Bags

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HDPE FILMS WITH PAS
MIKROTEN®

LONG-TERM PROTECTION | CZECH EXCLUSIVITY | PROVEN QUALITY

PACKAGING

Rolls are packed in PE sheets, placed horizontally and vertically on pallet; protected and fixed with stretch film or palletising hood.

CONTACT WITH FOODSTUFFS

Not advised for direct contact with foodstuffs.

ECOLOGY

100% recyclable, unobjectionable for environment, films can be deposited in dumps or combusted – no harmful substances appear.

Application

- film was primarily developed for packaging of explosives
- film is suitable for packaging of goods in electronics industry

Execution

- film
- film double winding
- tubular film
- semi-tubular film

Width

- tubular film 600 – 1600 mm
- film 170 – 1550 mm
- semi-tubular film 300 – 1550 mm

Thickness

- 0,007 – 0,050 mm

Outside Winding Diameter

- max. 1000 mm

Cores

- paper cores with inside Ø 77 mm and 152 mm

Roll Weight

- 15 – 500 kg

Surface Treatment

- corona treatment
- double-sided corona treatment
- print – HD flexographic print (up to 10 colours)

MIKROTEN® M*S

Common plastic films very often generate electrostatic discharge (ESD). EDS limits use of these films as packaging material for plenty of applications. Most sensitive is packaging of explosives and electronics.
PAS film **MIKROTEN® M*S** was primarily developed for packaging of explosives. It is possible to use also in electronics industry for packaging of wide range of products (e.g. electronics with integrated circuits), which could be damaged by electrostatic discharge. PAS films find use in food industry for packaging of powdered substance. These films can be used as semi-products for other packaging production (bags, tubular film, etc.). With Granitol exception there is no other producer of these special films in the Czech Republic.

MIKROTEN® is the registered trade name of HDPE monolayer blown films and represents the famous trademark in the modern history of Granitol. Product has been awarded the prize „Package of the year 2010".

PAS film advantages are eliminates the risk of damage to electronic components, eliminates the risk of explosion in dangerous sites (e.g. deep mine), increases the visibility of packed product. It enables to see the filling level in see-through container in the case of powdered materials, enhances safety by elimination of explosion when combustible powders are packed, reduction of waste due to lower pollution of sealants, reduction of pollution in clean areas.
Permanent antistatic agents are polymers of ionomer type. PAS are permanent and efficient over the time, they are effective even in low humidity environment. Agents are present within the whole product mass not only on the surface layer. No danger that additive migrates and disappears over the time as it is with standard antistatic agent.

Efficiency does not depend on product thickness. Antistatic agents can be added into thin outer layers. PAS are transparent and colourless and they are non-corrosive and non-polluting. Surface resistivity value can be changed in certain range depending on the quantity of permanent antistatic agent. The antistatic effect is permanent.