



HDPE ANTI-SCRATCH FILMS

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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ANTISCRATCH ADDITIVES | AWARD-WINNING INNOVATION | 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

- ▶ headlight packaging
- ▶ plastic products packaging with surface treatment
- ▶ electronics packaging (notebooks, LCD screens, TV remotes) in anti-scratch bags
- ▶ technical items packaging

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

Coresh

- ▶ paper cores with inside Ø 77 mm and 152 mm

Roll Weight

- ▶ 11 – 500 kg

Surface Treatment

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

MIKROTEN® M*S

Scratch sensitive products can be damaged by packaging material during transport or storage due to friction. These products are typically plastics in the automotive and electronic industry. Protection during transport to the next manufacturing operation or during dispatch to the final customer in consumer packaging is essential.

MIKROTEN® M*S films with anti-scratch additives are used for packaging a wide range of products with scratch-sensitive surfaces (hardware items, headlights, LCD screens, electronics, etc.). These films can be used as semi-products for other packaging production (e.g. bags).

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“.

The films do not leak water and protect against moisture. Permeability of water vapor, oxygen, fat, odor or aromatic substances is minimal. Long-term solar exposure causes film degradation due to UV radiation. According to customer requirements, it is possible to extend the life cycle of the film by adding appropriate additives. Permanent slip agents change the film surface properties. Agents are present within the whole product mass not only on the surface layer. No danger that the additive migrates and disappears over time as it is with standard slip agents. Organically modified siloxanes are used as permanent anti-scratch agents.