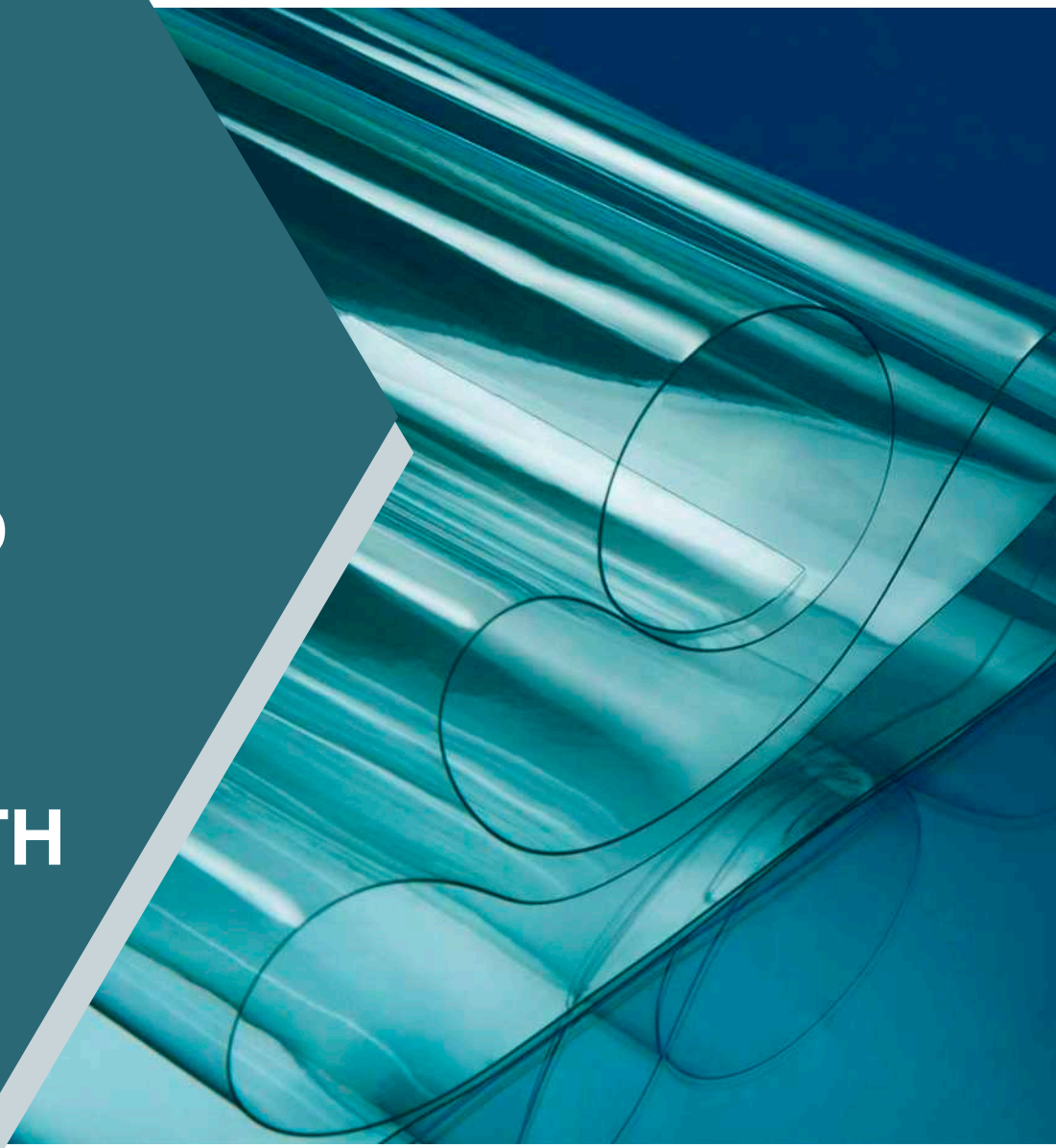
abersis

empowering the sustainable challenge



2024

Catálogo General

AB Form TH

TECHINCAL PACKAGING FILMS DIVISION

FORM®

Films de plástico para el packaging de bienes de consumo

Choosing Abersis means opting for excellence and ecological responsibility, all PET versions are certified under the UNE 15343 standard with KIWA and accredited by ENAC. Our clients in the consumer goods sector trust us to provide them with materials that offer high functionality and respect for the environment: Mono materials such as RPET, RPVC, PET ESD, PETG, PETGAG, PVC and PP.

rPET: It is a material of choice for environmentally conscious companies, made entirely from recycled materials. Our RPET is post-Consumer and is certified with UNE 15343 and accredited by ENAC, so it does NOT pay the plastic tax. The transparency and mechanization is extraordinary, reaching unsuspected levels of elongation. FOOD certificate.

Format: Coil
Silicone: Optional
Thickness: 150μm ~ 1500 μm
Width range: 200mm ~ 1460mm
Colors: Transparent/White/Black
Coating: 'Antifog/ 'Antiblock/crown
MOQ: From 1.5T
Features: 100% mono material
Food Grade: Yes

Format: Coil
Silicone: Optional
Thickness: 150μm ~ 1500 μm
Width range: 200mm ~ 1800mm
Colors: Transparent/Colors
Finishes: Gloss/gloss ~ Gloss/matte
MOQ: From 1.5T
Features: 100% mono material
Food Grade: Yes

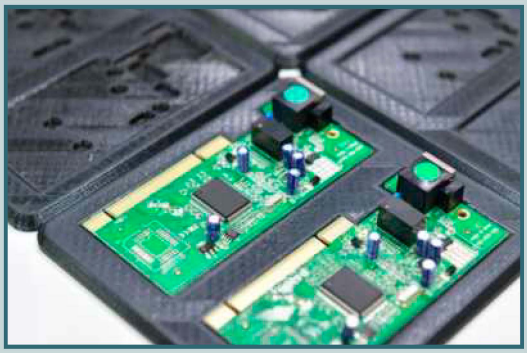
APET provides an optimal solution for visually attractive and safe packaging, thanks to its crystalline transparency and superior resistance. Its ability to be recycled helps companies meet their sustainability goals without compromising quality, making APET an excellent option for food and consumer goods packaging.

rPET G combines exceptional durability and clarity, making it ideal for packaging products that require aesthetic presentation without compromising protection. Its versatility allows it to be used in a wide range of applications, from food to consumer products, offering companies a sustainable and visually impressive packaging solution.

Format: Coil
Silicone: Optional
Thickness: 150μm ~ 1500 μm
Width range: 200mm ~ 1460mm
Colors: Transparent/White/Black
Coating: 'Antifog/Antiblock/crown
MOQ: From 1.5T
Features: 100% mono material
Food Grade: Yes

Films de plástico para el packaging de bienes de consumo

rPET ESD (Dissipative) Developed in Korea through our exclusive partners. Our electrostatic dissipative rPET has been marketed for years in the important automobile and electronics industry in that country. At Abersis we have updated the formulation to a much more sustainable version that incorporates 65% recycled PCR material that complies with the UNE 15343 standard and ENAC accredited. So the plastic tax does not affect it.



Format: Coil
Silicone: NO
Thickness: 350μm ~ 1500 μm
Width range: 400mm ~ 1460mm
Colors: Transparent/White/Black
Coatings: Gloss/gloss
MOQ: From 1 Or T
Features: ABA coextrusion
Food Grade: NO

rPET GAG It is a co~extruded material with outer layers of glycol, which gives it a more resistant and glossy coating, making die~cutting easier. This material combines exceptional durability and clarity, making it ideal for applications requiring superior aesthetics along with robust functionality. Its advanced composition not only improves the resistance and appearance of the final product, but also maintains all the advantages of sustainability, offering an excellent barrier and efficiency in recycling.

Format: Coil
Silicone: Optional
Thickness: 200μm ~ 1200 μm
Width range: 450mm ~ 1450mm
Colors: Transparent/White
Coating: Antiblock
MOQ: From 1.5T
Features: Coextrusion AB
Food Grade: NO

POLYPROPYLENE (PP) It is recognized for its lightness, impact resistance and effective barrier against humidity, essential characteristics for the packaging of durable consumer goods. Its recyclability and cost~effectiveness make it a preferred option for companies seeking to optimize resources without sacrificing quality.

PVC FILM It stands out for its flexibility and resistance to chemicals, making it a robust option for packaging consumer goods that require extra protection. Easy to mold and economical, PVC allows versatile designs and is very easy to work at high frequency. Contrary to popular belief, PVC is 100% recyclable and is very sustainable since practically half of its molecule is sodium chloride, common salt.

Format: Coil
Silicone: Optional
Thickness: 300μm ~ 1200 μm
Width range: 330mm ~ 1100mm
Colors: Transparent
Coating: Gloss/gloss
MOQ: From 1 0T
Features: 100% mono material

Format: Coils
Silicone: NO
Thickness: 200μm ~ 500 μm
Width range: 200mm ~ 1400mm
Colors: Transparent, white/colors*
Finishes: Glossy/glossy
MOQ: From 1T
Features: 100% mono material

Films de plástico reciclado para packaging alimentario

Aware of the importance of sustainability, each product we develop is a reflection of our commitment to the environment. From 100% recycled rPET with barrier 02 to specialized solutions such as CPET for prepared foods, rPET-PE or rPET-evoh-PE with nano films are just examples of how we ensure that each material not only meets the greatest exponent of innovation , but also supports the circular economy.

APET Mono barrier O^2 is a masterful formulation from Abersis, it provides an excellent barrier to 02 but without evoh, extending the shelf life of foods. This material is effectively heat-sealed with 12 to 52 µm mono PET, offering an airtight seal that maintains the freshness and quality of the product.

Format: Coil
Silicone: Optional
Thickness: 300μm ~ 1200 μm
Width range: 500mm ~ 1100mm
Colors: Transparent
Coatings: Gloss/gloss
MOQ: From 1 Or T
Features: ABA coextrusion
Food Grade: Yes

rPET Barrier suit O^2 It is the ideal option for sustainable packaging. Our special formulation gives RPET an excellent 02 barrier that preserves food quality. With food certification in ABA composition: 10% APET- 80%RPET- 10% APET. UNE 15343 certified. Compatible with heat sealing using our mono PET film from 12 to 52 µm, guaranteeing safe and durable packaging. BRC certificate.

Format: Coil
Silicone: Optional
Thickness: 150μm ~ 1500 μm
Width range: 200mm ~ 1800mm
Colors: Transparent/Colors
Finishes: Gloss/gloss ~ Gloss/matte
MOQ: From 1.5T
Features: 100% Jumpsuit material
Food Grade: Yes

rPET-evoh-PE optimizes food preservation with the highest 02 barrier and is ideal for perishable products. This material can be heat sealed with our 12-52µm mono PET film, making it easy to create secure, hermetically sealed packages. Excellent production speed. The RPET is UNE 15343 certified. BRC certified.

Format: Coil
Silicone: Optional
Thickness: 300μm ~ 1200 μm
Width range: 500mm ~ 1100mm
Colors: Transparent
Finishes: Gloss/gloss
MOQ: From 1 Or T
Features: ABA coextrusion
Food Grade: Yes

Films de plástico reciclado para packaging alimentario

rPET-PE With its multi-layer structure, AB, traditionally used to use PE caps, provides a robust barrier. This effective sealing guarantees the integrity and freshness of the contents, making it a preferred option for flexible food packaging. The PE layer is manufactured in 40 μm and the rPET is UNE15343 and BRC certified.

Format: Coil
Silicone: Optional
Thickness: 450µm - 1000 µm
Width range: 400mm - 1460 mm
Colors: Transparent and colors
Finishes: Gloss/gloss
MOQ: From 1 Or T
Features: ABA coextrusion
Food Grade: Yes

rCPET It is ideal for prepared meals, resisting temperatures from freezing to oven, that is its main advantage. Thermo seals easily with our 12 to 52 μm mono rPET film, ensuring durable and resistant packaging that maintains food quality and safety. BRC certificate.

Format: Coil
Silicone: Optional
Thickness range: 300µm ~ 1000 µm
Width range: 400mm ~ 1400mm
Colors: Transparent, white and black
Finishes: Gloss/Gloss
MOQ: From 1 Or T
Features: 100% mono material
Food Grade: Yes

rPET Cold Designed to withstand freezing, 20º, maintaining the integrity of frozen foods and without breaking. Thermo seals easily with our 12 to 52 μm mono PET film, ensuring an airtight seal that preserves the quality and freshness of the product in extreme cold conditions. BRC Certificate

Format: Coil
Silicone: Optional
Thickness: 300µm ~ 1200 µm
Width: 330mm ~ 1100mm
Colors: Transparent
Finishes: Gloss/gloss
MOQ: From 1 0T
Features: 100% mono material

rPET Heat Handles well at high temperatures. It is perfect for foods that require microwave heating. It offers an effective barrier against 02 and Thermo seals easily with our 12 to 52 μm mono PET film to ensure food remains intact during the heating process.

Format: Coil
Silicone: Optional
Thickness: 300µm ~ 600 µm
Width range: 600mm ~ 1100mm
Colors: Transparent/Translucent
Finishes: Glossy/glossy
MOQ: From 1 0T
Features: 100% mono material

Films de plástico reciclado para packaging alimentario

Polypropylene PP It is versatile and economical, very light given its low density of 0.91 Grs./cm3, with good chemical and grease resistance, ideal for packaging various foods. Its ability to be sterilized makes it suitable for applications that require high hygiene standards.

Format: Coil
Silicone: Optional
Thickness: 300µm ~ 1200 µm
Width range: 330mm ~ 1100mm
Colors: Transparent
Finishes: Gloss/gloss
MOQ: From 1 Or T
Features: 100% mono material
Food Grade: Yes

PP High Gloss enhances the appearance of food products with its shiny finish, attractive to the consumer. It combines aesthetics with functionality, providing an effective barrier and durability in the packaging of fresh and prepared foods.

Format: Coil
Silicone: Optional
Thickness: 200µm ~ 1200 µm
Width range: 600mm ~ 1100mm
Colors: Transparent, white and black
Finishes: Gloss/Gloss
MOQ: From 1 Or T
Features: 100% mono material
Food Grade: Yes

rPET G combines durability with superior clarity, with an additional 02 barrier that extends the shelf life of foods. Its glossy finish and durability make it ideal for food packaging that requires both functionality and superior aesthetics.

PVC film It is flexible and durable, ideal for food packaging thanks to its excellent 02 and oil barrier. Its ability to seal hermetically ensures the preservation of the freshness and flavor of packaged foods. Food certificate.

Format: Coil
Silicone: Optional
Thickness: 300µm ~ 1200 µm
Width range: 330mm ~ 1100mm
Colors: Transparent
Finishes: Gloss/gloss
MOQ: From 1 0T
Features: 100% Jumpsuit material

Format: Coil
Silicone: NO
Thickness: 200µm ~ 500 µm
Width range: 200mm ~ 1400mm
Colors: Transparent, white/colors*
Finishes: Gloss/gloss
MOQ: From 1T
Features: 100% Jumpsuit material

Films de plástico para la industria Pharma.

EAt Abersis, we are proud to lead the transformation towards more sustainable and technical pharmaceutical packaging, always maintaining our dedication to innovation and superior quality. We specialize in packaging solutions that not only meet the strict regulations of the pharmaceutical sector, but also drive sustainability through advanced materials and environmentally friendly processes.

Our collaboration with Klockner Pentaplast, a global leader in pharmaceutical packaging technologies, strengthens our offering with high-performance films designed to protect sensitive pharmaceutical products. These materials not only provide an exceptional barrier against contaminants and adverse conditions, but also support recycling efficiency and reduce the carbon footprint of packaging.

MONO MATERIALS: PVC (single layer) with GMP Pharma certification. They are undemanding barrier materials and would not be suitable for their purpose.

DUPLEX MATERIALS: AB or ABA composition, depending on whether it is symmetrical or asymmetrical. PVC-PVdC (Dichloride). Composed of a layer (PVC mono) plus a PVdC (dichloride) coating. These materials can have different degrees of PVdC coating from 20g to 120 in standard and can be manufactured in two different ways.

1. DUPLEX Asymmetrical: AB composition, with PVC-PVdC, with a surface coating. These materials may stress somewhat during the thermoforming process.

2. DUPLEX Symmetrical: ABA composition, with PVC+ PVdC+PVC has a more protected barrier than the previous one since it is not exposed and also has better behavior during the thermoforming process since it does not stress as much as the asymmetrical ones.

TRIPLEX MATERIALES : ABC PVC-PE-PVDC composition. It is a type of composition that was used long before because the Polyethylene of the intermediate layer greatly ensured the adhesion between the PVC and the PVDC, but currently the DUPLEX already gives an excellent bonding result between layers.

ACLAR: It is a material that provides a very high water-repellent barrier, particularly with respect to humidity. The most common layer composition is AB PVC-Polychlorotrifluoroethylene, PCTFE.

PENTAPHARM® KPMAX® S04 - ABCA LAYER COMPOSITION 4 LAYERS.
El material con mayor barrera del mercado.

(**PVC/ACLAR®/PVdC/PVC**) Apart from ACLAR, it is the material with the greatest water-repellent barrier. It incorporates a 120g PVdC layer.

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Empowering your sustainable challenge

At Abersis, we turn the challenge of the transition to a circular economy into business opportunities thanks to our innovative sustainable plastics with advanced formulations.

Our unique developments allow our customers to use first-generation sustainable plastics without losing the properties that they value most in virgin plastics: recycled PET dissipative PCR, mono material with barrier O2, thermo sealable mono PET with barrier O2, not to mention our developments in markets as demanding as the pharmaceutical industry, or the dissipative molding industry in the automotive industry.

Choosing Abersis means choosing a technological partner that will accompany you in the transition towards a more sustainable and environmentally friendly business, always maintaining the technological demands you need.

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