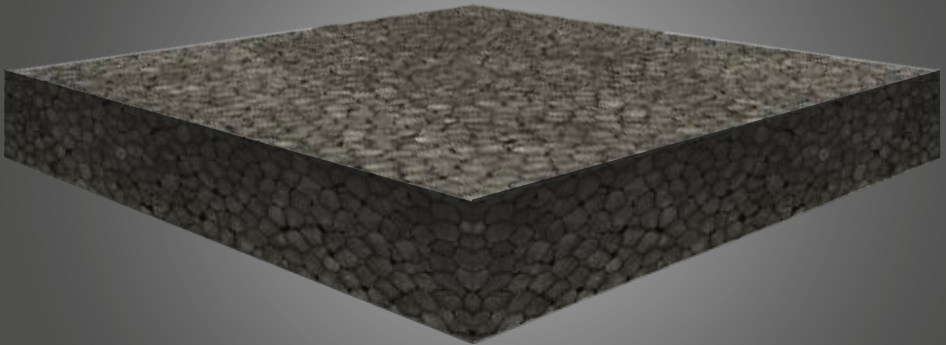


ARPLANK



HIGH QUALITY AND SUSTAINABLE
PACKAGING SOLUTIONS

ARPLANK

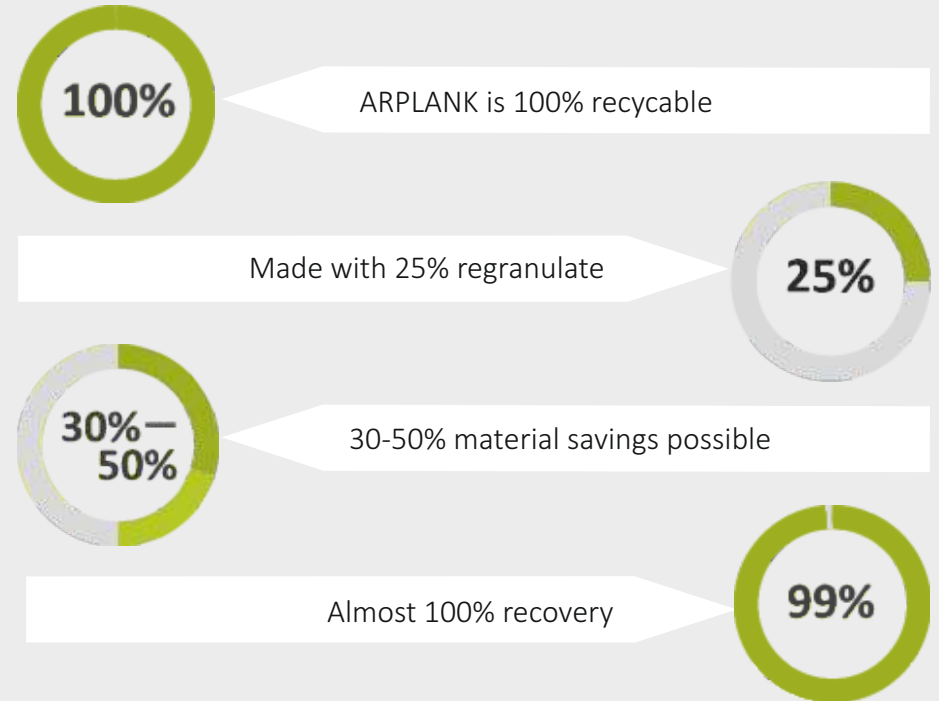
WHAT IS ARPLANK?

ARPLANK is a highly elastic, closed-cell foam made of expanded polyethylene (EPE).

During the fusion process, the outer shells of the polyethylene are thermally bonded together, creating a three-dimensional sphere that absorbs and dissipates energy equally, even in three dimensions.

No outgassing of chemical substances occurs with ARPLANK. ARPLANK is isotropic and is therefore perfectly suited for the production of high-quality and protective foam packaging.

FACTS ABOUT ARPLANK



CHARACTERISTICS OF ARPLANK



RECYCLABLE



ENERGY
ABSORBING



ISOTROPIC
BLOCKS



REDUCTION IN
VOLUME WEIGHT



STABLE
TEMPERATURE
SPECTRUM



CHEMICAL
INERT



OPTIMAL
DENSITY



CLIMATE NEUTRALISED
THROUGH OFFSETTING



THE ADVANTAGES OF ARPLANK - ACHIEVE MORE WITH LESS MATERIAL!

- More design options- better protection
- Optimum physical properties
- Very suitable for scratch-sensitive surfaces, (e.g. high-gloss lacquered or chrome-plated surfaces)
- No abrasion
- Less concavity in die-cut products
- Correspondingly high material blocks, therefore less lamination necessary
- Weight saving on finished parts



PRODUCT PERFORMANCE

As an energy-absorbing packaging material for products that require shock absorption, vibration damping, insulation and chemical resistance, ARPLANK is ideal.

It withstands multiple impacts without damage and has almost 100% recovery. In addition, ARPLANK is abrasion resistant, very lightweight and multi-directional.

Conventional foams have different properties along the extrusion, vertical and horizontal axes. ARPLANK's cushioning properties are the same regardless of orientation, making it an ideal and versatile product for protective packaging applications.

FACTS ABOUT ARPLANK

PROPERTIES OF ARPLANK?

- Colour: Black
- Block size: 1800 x 1200 x 150 mm
- Densities: 20 / 30 / 45 (Kg/m³)
- Low lamination effort due to optimal geometry of the material blocks.
- Easy cutting with all common processing methods.
- Returns to its original shape almost 100% after an impact.
- Clean cuts due to minimal concavity of the material.



ARPLANK



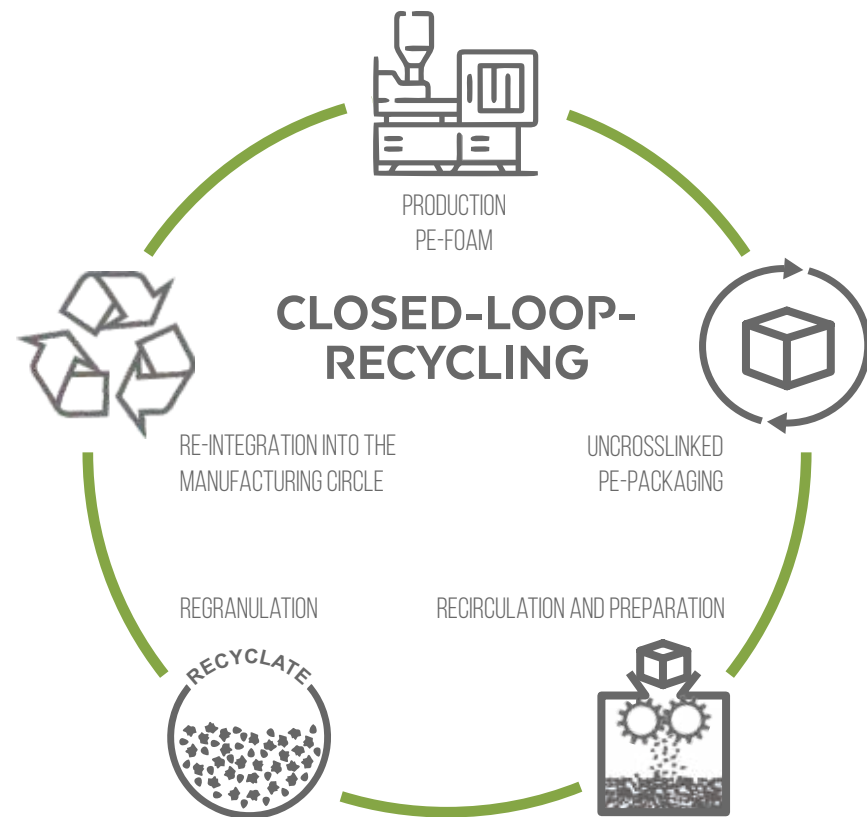
ENVIRONMENTAL ADVANTAGES OF ARPLANK

ARPLANK is one of the few EPE products (made from expanded ARPAK) that is manufactured without VOC blowing agents.

All ARPLANK products are fully reusable and recyclable. It is designated recycling category 4 by the SPI (Society of the Plastics Industry) recycling standard.

All ARPLANK products are free from CFCs, HCFCs and other ozone depleting compounds.

All ARPLANK products are free from any restricted heavy metals, such as lead (Pb) or lead compounds, mercury (Hg) or mercury compounds and chromiim VI (Cr-VI) or chromium compounds and also contain no halogen compounds or brominated (Br) connections.





Use of recyclable materials

Resource-efficient

Reusable solutions



Climate-neutralised company since 2019 through compensation via climate protection projects

Offer CO₂-neutralised products



Innovations for and together with customers

Continuous investment in modern and more efficient technologies



POSSIBLE APPLICATIONS

- Inlays
- Container inlays
- Electronics packaging
- Container and ATA case inlays
- Seals
- Paintings/Galleries/Art Market
- Military applications
- Reusable load carriers
- Seat pads
- Tool inlays
- Packaging for consumer goods
- Partitions for glass
- Impact absorption
- Landing and drop mats
- Temperature regulating containers
- Wall insulation
- Kayak floats & roof blocks
- Buoys and floating fenders



Since 1970, our company is specialised in foam processing. With our internal development department and our large machine park, we can react individually, flexibly and quickly to your requirements. Our quality management is certified according to DIN EN ISO 9001:2015 and ISO 14001:2015. Wetropa is a carbon-neutral company.

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