

Achieve 100% Pouch Recyclability

HIGH BARRIER PE FILM FOR EXTERNAL LAMINATION OF BAGS AND POUCHES

AlOx Coated Film

Polyphane® Pack 'n Cycle high barrier lamination film is a **mono-oriented** polyethylene film that replaces PET and other lamination films, **enabling 100% recyclability of bags and pouches**. The film, which provides excellent moisture, gas protection and aroma barrier, is designed to allow brand owners to extend shelf-life, helping to keep food fresh longer before consumption.

The mono-orientation process provides improved stiffness, high modulus and accurate directional tear properties for easy opening.

Polyphane® Pack 'n Cycle high barrier external film is available in gauges from 20 μ to 40 μ and is produced with a transparent glossy finish.

Using Polyphane® Pack 'n Cycle for external lamination enables internal layer down-gauging while retaining optimum pouch rigidity.

Polyphane® Pack 'n Cycle is specifically designed for printing and lamination applications, performing smoothly at high speeds through any type of printing and pouch-making machine.

FULLY RECYCLABLE!

The film is PE based, enabling 100% recyclability of pouches, bags and sachets.

HIGH BARRIER!

AlOx-coated film provides outstanding barrier properties against gases and water vapour.

HEAVYWEIGHT PERFORMANCE!

Mono-orientation provides higher tensile strength and improved modulus on machine direction.

Printable
PE layer



For 100% recyclable pouches, bags and sachets, Polyphane® Pack 'n Cycle exceeds expectations by delivering greater stiffness and increased strength, all in a lightweight mono-oriented, polyethylene film

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Polyphane® Pack 'n Cycle external film benefits

- ✓ Enables 100% pouches recyclability when replacing PET and other films laminated to a PE heat sealable film
- ✓ High Barrier against gases, water vapour and aromas
- ✓ Provides directional tear properties for easy and straight opening
- ✓ Provides excellent rigidity for stand-up display
- ✓ Provides an improved moisture barrier with less material
- ✓ Available in a variety of gauges, textures and barrier properties
- ✓ Excellent printing capabilities and machinability
- ✓ Fully compliant with all FDA and CE standards

Printable
PE layer

POLYSACK: A one-stop shop for sustainable flexible packaging solutions

Polysack is a comprehensive solution provider of high-yield, sustainable films suitable for numerous applications, including high-shrink labels, candy wrappers and a variety of bags, sachets and pouches. Polysack provides a line of innovative solutions to converters and other third parties in industries such as beverages, food and confectionery, etc.

From the company's founding in 1974, Polysack has continually invested in R&D to develop cutting-edge technological solutions for flexible packaging, utilizing advanced MDO (Machine Direction Orientation) technology.

With the accumulation of years of industry know-how and expertise, Polysack remains consistently at the forefront of new market trends, using only high-quality and environmentally friendly materials in its state-of-the-art production facility.

Polysack's customers, ranging from small businesses to Fortune 100 companies, all benefit from the highest production yields in the flexible packaging industry, with significant bottom-line improvement.

