

Achieve 100% Pouch Recyclability

PE FILM FOR INTERNAL LAMINATION OF BAGS AND POUCHES

Polyphane® Pack 'n Cycle internal lamination film is a **mono-oriented** polyethylene film that replaces traditional PE films used in laminations for the production of bags and pouches.

The mono-orientation process provides improved rigidity, high modulus and accurate directional tear properties for easy opening. This process enables **significant down-gauging of the film, typically 25% to 40% thinner than traditional PE films**, resulting in a high stiffness film that significantly reduces costs.

Polyphane® Pack 'n Cycle for internal lamination has high seal strength properties and is available in gauges from 25 μ to 60 μ .

LIGHT WEIGHT!

Gauge reduction means lighter packages, significant cost reduction, and sustainability benefits.

FULLY RECYCLABLE!

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

HEAVYWEIGHT PERFORMANCE!

Mono-orientation provides higher tensile strength and improved modulus.

HIGH SEAL STRENGTH!



For 100% recyclable pouches, bags and sachets, Polyphane® Pack 'n Cycle exceeds expectations when down-gauging by still delivering greater stiffness and increased strength.

HIGH STIFFNESS
Sealable
PE layer

Polyphane® Pack 'n Cycle internal film benefits

- ✓ Enables down-gauging when replacing traditional PE films
- ✓ Enables a broad welding range at high speeds
- ✓ Provides directional tear properties for easy and straight opening
- ✓ Provides improved seal strength and hermeticity
- ✓ Provides excellent rigidity for stand-up display
- ✓ Provides an improved moisture barrier while using less material
- ✓ Available in a variety of gauges
- ✓ Excellent machinability
- ✓ Fully compliant with all FDA and CE standards

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.

