

Polyfoil® EcoPro - the eco-friendly barrier solution



The future is now!

Up to 60% PCR material and suitable for food contact

This new mono-material tube has a better environmental impact by using recycled materials including 60% of post-consumer recycled (PCR) materials and is recyclable as well! Another advantage of Polyfoil® EcoPro is its EU compliance. Regulation 2022/2016 mandates the use of mechanically recycled plastics for food contact, and the Polyfoil® EcoPro containing rHDPE (PCR material) conforms to Commission Regulation (EU) 2022/1616 for food contact materials.

Enhanced barrier properties

Polyfoil® EcoPro is a revolutionary new product that offers several key advantages over standard coex tubes. One of the most significant benefits of Polyfoil® EcoPro is its great barrier properties.

Reduced Material

The Polyfoil® EcoPro tube, paired

with LowPro Caps, offers significant advantages due to its reduced material usage, featuring a wall thickness of 0.35 that makes it lightweight and enables plastic savings compared to standard coextruded tubes.

High-definition decoration

In addition to its outstanding barrier properties, Polyfoil®EcoPro also offers high-definition decoration. Polyfoil® EcoPro uses state-of-the-art technologies such as DigitAll360 and offset printing to deliver high-definition decoration. This allows for incredibly detailed and vivid designs to be printed directly onto the tube surface.

Recycled, recyclable and optimized CO2 footprint

Polyfoil® EcoPro also has an optimized CO2 footprint of 40% compared to standard coex tubes. Polyfoil® EcoPro has a recyclability rating of "Grade A" from Recyclclass for a barrier tube. The tubes can be easily and efficiently recycled, further reducing its environmental impact and making it an ideal choice for companies wanting to reduce their carbon footprint and promote sustainability.

2024

EPR fees from recycling organisations and plastic taxes imposed by the country.

2030

10% of recycled content for sensitive packaging and 35% for non-sensitive packaging.
All packaging must be recyclable by 2030.

2040

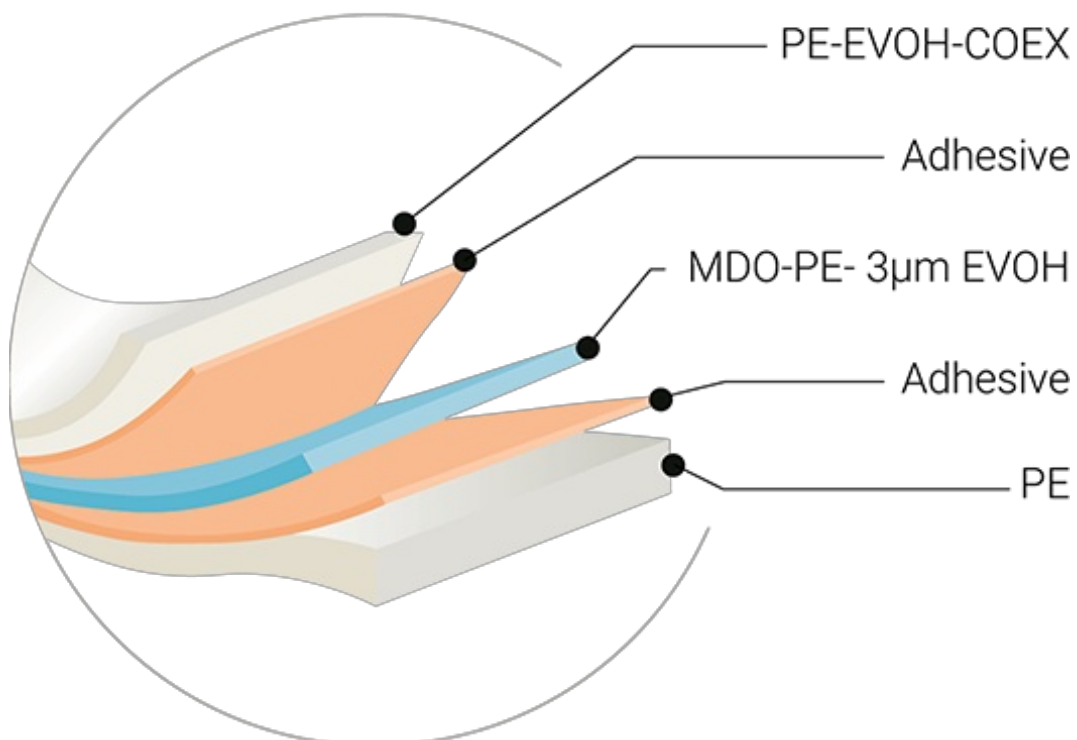
50% of recycled content for contact sensitive packaging.

Applications

- Skin Care
- Skin Health
- Sun Protection
- Hair care
- Dentifrice

Polyfoil® EcoPro - contain up to 60% PCR material

PF **MMB** 542/642
Barrier: MDO-PE-EVOH



Specifications

MATERIAL

Body	Polyfoil®EcoPro with rHDPE content in the overextrusion
Shoulder	HDPE Virgin or rHDPE and virgin HDPE, PE Snap-on and screw
Head, Closure	rHDPE, HDPE or PP Flip-top caps, rHDPE or HDPE screw caps

DIMENSIONS

Diameter	30/35/40/50 mm
Wall thickness	0.35 mm
Content	25 - 275 ml

DECORATION

Digital print
Offset print

CERTIFICATIONS

Recycling	Recyclclass Grade A
Suez Grade A	
Quality	EU Food-Grade approval

SUSTAINABILITY

Designed for recycling
Up to 60% of post-consumer recycled (PCR) materials
Low migration colors and lacquers (EUPiA conform)
Optimized CO2 footprint of 40% compared to standard COEX tubes

QUALITY

Suitable for all cosmetic products
Suitable for food contact

Want to learn more about recyclable Polyfoil®EcoPro?

Certifications

RecyClass

CIRCPACK
by  **VEOLIA**