

# Polyfoil® MMB: Fully recyclable mono material barrier tube



## Go green with our award winning and patented MMB tube technology

Neopac's Polyfoil® MMB mono-material barrier tube took top honors in the ETMA Awards Prototypes category. For the novel combination of product protection with minimum HDPE-foreign materials content, user friendliness and appealing aesthetics, the MMB represents a marked advancement in eco-conscious materials technology.

The EVOH suits well for oxygen sensitive bulk high-performance laminate, made with a first-of-its-kind adhesive laminated process compared to the existing blown film and extruded film solutions on the market.

Compared to our standard range, we use up to 35% less plastic in the sleeve which reduces the CO<sub>2</sub> end of life by up to 47%.

## Ready for Recycling

Europe's first fully approved Mono-Material-BARRIER tube

- Recyclclass Technology and Product Approval
- APR Critical Guidance Recognition (CGR)
- Cyclos Recognition > 95% recyclability



**Award winning and patented technology**

ETMA Award 2021 and Pharma Pack Award 2021



Reach your sustainability goals  
**Lightweight and reduction of CO<sub>2</sub>**

Compared to our standard range, we use 35% less plastic in the sleeve, which reduces the CO<sub>2</sub> end of life by 47%



Your fully recyclable MMB Hero  
**Dental, Pharma und Cosmetic**

**Dental:** «perfect shape from the start to the end»  
**Pharma:** «safe and secure material and caps»  
**Cosmetic:** «stunning high-end look»



Outstanding product protection  
**Barrier – for sensitive products**

The standard EVOH suits well for oxygen sensitive bulk high-performance laminate, made with a first-of-its-kind adhesive laminated process compared to the existing blown film and extruded film solutions on the market

## Applications

- Skin Care
- Skin Health
- Hair care
- Make-up
- Toothpaste
- Dentifrice
- Pharma

## Specifications

### MATERIAL

Polyfoil® MMB

### DIMENSIONS

Diameter

19/25/30/35/40/50 mm

Body	HDPE - white or metallized	Wall thickness	0.35 mm
Shoulder	HDPE	0.5 mm PP Softtouch-Version	
Head, Closure	HDPE, screw and hinge caps	Content	10-250 ml

DECORATION

Offset print  
Silkscreen print  
Hotfoil stamping

CERTIFICATION

Ecocert/Cosmos  
APR Meets critical guidance protocol  
Recyclass Technology and Product approval  
Suez Recycability Score A for 542/642  
Suez Recycability Score B for 525/623

SUSTAINABILITY

Designed for recycling  
Up to 50% better carbon footprint than an ABL tube  
Low migration colors and lacquers (EUPiA conform)

QUALITY

Food and Pharma grade

We are using a high-performance laminate, made with a first-of-its-kind adhesive laminated process compared to the existing blown film and extruded film solutions on the market, that have recently adopted and communicated by oral hygiene brands.

## Want to learn more about recyclable Polyfoil® MMB?

### Certifications

The MMB tube-cap combination was the first of its kind to receive full technology & product approval from the EU's discerning RecyClass including SUEZ Circpack sustainability verification organizations.

MMB has been granted recognition by APR, the US-based Association of Plastic Recyclers with and without thin film metallization as meeting or exceeding the most strict APR HDPE Critical Guidance

criteria.

Institut Cyclos-HTP has tested and validated our Polyfoil® MMB tube, combined with HDPE cap.  
Enhanced recyclability >95% with AAA label.