

EcoDesign Product Comparison



PICEA™ Wood Tube

Mono and COEX-EVOH



Sugarcane Tube

Mono and COEX-EVOH



Recycled Plastic Tube

Mono and COEX-EVOH

Materials / Dimensions

Diameters / Volumes	19 – 50 mm / 10 – 300 ml	19 – 50 mm / 10 – 300 ml	19 – 50 mm / 10 – 300 ml
Shoulder Material	PICEA™	Sugarcane PE	up to 100% rPE
Caps	HDPE hinge and screw caps	HDPE hinge and screw caps	HDPE hinge and screw caps

Quality

Food Grade	✓	✓	PCR: food grade light ✓ PIR ✓
Barrier Properties	Similar to PE tubes available also in COEX-EVOH	Similar to PE tubes available also in COEX-EVOH	Similar to PE tubes available also in COEX-EVOH
Certifications	ISO 14001 / PEFC Ecocert / Cosmos	ISO 14001 Ecocert / Cosmos	Ecocert / Cosmos

Sustainability

EcoDesign Concept	Renewable Resources	Renewable Resources	Up to 70% recycled content, whereof 64% PCR
Carbon Footprint per tube	Up to 40% better than a PE tube	Up to 50% better than a PE tube	Up to 25% better than a PE tube
Grade of Recyclability with PE cap	Mono ≥99% COEX-EVOH ≥95%	Mono ≥99% COEX-EVOH ≥95%	Mono ≥99% COEX-EVOH ≥95%

Decoration

Esthetics, Color, Roughness, ...	Tactile surface, Avoid bright colors	Same as PE	Surface same as PE, Use opaque sleeve coloring
Printing Possibilities	Standard, No hotfoil stamping	Standard	Standard
Solvent-free Colors	✓	✓	✓
Lacquer free	✓	✗	✗