PACKAGING

SUSTAINABLE ALTERNATIVE









Mono Packaging

100% RECYCLABLE

TO REDUCE SINGLE-USE FLEXIBLES LIKE BOPP/PE

Features: low moisture permeability, punctureresistant. Low gas permeability - on demand.

Application: meat, cheese products, groceries, confectionery and other dry foodstuffs.

Range: transparent. Available with Anti-fog or Easy-peel functionalities.

Notice: actual trials must be executed.

TO REDUCE SINGLE-USE FLEXIBLES LIKE BOPP/PE, PET/PE, OPA/PE

Features: low moisture permeability. Low gas permeability - on demand. Lamination with bio-based PE is available.

Application: meat, cheese products, fresh and/or deep-freeze foodstuffs.

Range: transparent, white. Available with Anti-fog or Easy-peel or Reclosure functionalities. Energy-saving PE is available (30% less energy consumed in production). 100% recycled PE is available.*

Notice: actual trials must be executed. Less transparent and more temperature-sensitive than regular BOPP or PET.

No top varnishing is possible. * Fluctuations in film transparency, sealing temperature range might occur.







TO REDUCE SINGLE-USE FLEXIBLES LIKE PET/CPP, PET/PE



Application: refrigerated, semi-manufactured foodstuffs, salads, sandwiches and similar.

Range: transparent, metallized. Available with Anti-fog and/or Easy-peel functionalities. Universal sealing is available.

Notice: actual trials must be executed. Compatibility with bottom tray must be analyzed.





PACKAGING

SUSTAINABLE ALTERNATIVE





Bio-based*

RENEWABLE RESOURCES | 100% RECYCLABLE

TO REDUCE USAGE OF FOSSILL-BASED PE IN FLEXIBLES

Features: identical structure to fossil-based PE thus recycled together. Low moisture permeability.

Application: identical similar to fossil-based PE.

Range: transparent. Low gas permeability is available.

*Origin: starch, sugar cane, other sugar-containing raw materials.

Notice: actual trials must be executed.

Bio-based* | Biodegradable

INDUSTRIALLY COMPOSTABLE

TO REDUCE USAGE OF FOSSILL-BASED BOPP/BOPP, PET, TWIST FLEXIBLES

Features: breathable - high water and gas permeability. Stiff and sturdy, TWIST-effect.

Application: fresh fruits, vegetables, bread and other foodstuffs that need to breath, twist-wrapped products - e.g. candies.

Range: transparent, metallized, white solid / voided.

*Origin: starch, sugar cane, other sugar-containing starting raw materials.

Notice: actual trials must be executed. Requires dedicated packaging collection point. Biodegradable when composted under controlled conditions: T>58°C, rh>90%, presence of microorganism and when max 5 components of packaging are non-biodegradable and each component ≤ 1% of packaging weight.







PACKAGING THAT HAS SUSTAINABLE ALTERNATIVE

ОВЈЕСПИЕ			COMPOSITE FLEXIBLES TO REPLACE	Origin		Gas permeability		Moisture permeability			Application - product categories						Τ	Range						F	innis	shing	
		RECYCLING MARK		Fossil-based	Bio-Based	Low	High	Low	Average	High	Ury	Fresh	Selfii-ilialidiactured Refrirerated	Doop froozo	Deep-freeze Meat	Meal	Transparent	Iransparent	White	Metallized	Antifog	Easy-peel	Reclosure	Flow-pack	Stand-up pouch	Top-sealing Twist-wrap	SPECIALTIES NOTICE
REDUCTION OF SINGLE-USE FLEXIBLES	100% RECYCLABLE	₹ 5	ВОРР/РЕ	•		•	•	•		•			•		•	•	•			•	•	•		•	•	•	Puncture resistant. Versions with easy-peel are hazy.
		LDPE	BOPP/PE PET/PE OPA/PE	•	•	•	•	•		•			•		•				•	•	•	•	•	•	•		Less transparent, more temperature- sensitive than regular BOPP or PET. Fluctuations in film transparency, sealing temperature range might occur.
		PET	PET/CPP PET/PE	•		•	•		•		•	•	•	•			•	•	,	• •	•	•		•	•		Universal sealing is available. Compatibility with bottom tray must be analyzed. MOQ quantities might apply.
REPLACEMENT OF FOSSIL-BASED PLASTICS WITH RENEWABLE RESOURCES		LDPE	PE		•	•	•	•		•			•	•	•		•	•						•			Structure and application is identical to fossil-based PE
	INDUSTRIALLY COMPOSTABLE	OTHER	BOPP/BOPP PET TWIST		•		•			•						•				•				•		•	Breathable, stiff and sturdy, TWIST-effect. Good for foodstuffs that need to breath (vegetables, blue cheese), TWIST-wrapped products, e.g. candies. Biodegradable when composted under controlled conditions: T-58°C, rh-90%, presence of microorganism and when max 5 components of packaging are non-biodegradable and each component ≤ 1% of packaging weight. Requires dedicated packaging collection point.

Default feature











Stand-up pouch

Top-sealing

On demand feature

^{*} In any case trials on filling lines must be executed before commercial print-runs are launched.