

Transparent Coloured PET bottles



	YES - FULL COMPATIBILITY	CONDITIONAL - LIMITED COMPATIBILITY	NO - LOW COMPATIBILITY
	A-B*	B-C*	D-E-F*
	Materials that passed the testing protocols with no negative impact OR materials that have not been tested (yet), but are known to be acceptable in PET recycling	Materials that passed the testing protocols if certain conditions are met OR materials that have not been tested (yet), but pose a low risk of interfering with PET recycling	Materials that failed the testing protocols OR materials that have not been tested (yet), but pose a high risk of interfering with PET recycling
Bottle	PET		PLA; PVC; PS; PETG
Size			< 4 cm (compacted); > 5 liter content
Colours	Transparent light colours	Transparent dark colours	Opaque; Fluorescence; Metallic.
Barrier	SiOx coating; Carbon plasma-coating; PA multilayer with <5wt% PA and no tie layers; PTN alloy.	EVOH multilayer with <3 wt%; EVOH and no tie layers; PA multilayer with <5wt% PA including tie layers; Monolayer PA-blend; PGA multilayer.	EVOH multilayer with >3wt% EVOH or EVOH tie layers. PA multilayer with >5wt% PA or tie layers;
Additives		UV stabilisers; Acetaldehyde (AA) blockers; Optical brighteners; Oxygen scavengers;	Bio-/oxo-/photodegradable additives; Nanocomposites.
Closure Systems	PE (with density <1 g/cm ³); PP (with density <1 g/cm ³);		Materials and blends with density >1 g/cm ³ (e.g. highly filled PE, metals,...); Non-detaching or welded closures.
Liners, Seals and Valves	PE, PE + EVA, PP (all with a density < 1 g/cm ³).	Silicone with density <0.95g/cm ³ Foamed PET	Materials with density >1 g/cm ³ (e.g. PVC, silicone, metals)
Labels	Labels in PE, PP, OPP (all with density <1 g/cm ³), with a size that does not hinder* the recognition of the underlying PET-polymer * Indication label size of bottles > 500 ml: < 70% coverage * Indication label size of bottles ≤ 500 ml: < 50% coverage	Labels in EPS, foamed PET, LDPE (all with density <1 g/cm ³) with a size that does not hinder the recognition of the underlying PET-polymer; Lightly metallized labels; Paper labels without fibreless	Labels which hinder the recognition of the underlying PET-polymer (e.g. too large, metallised, heavily inked); Labels with density >1 g/cm ³ (e.g. PVC; PS; PET; PETG; PLA); Metallized labels; Non-detaching or welded labels; Paper labels with fibreless; Foamed PETG labels (even with density <1 g/cm ³); PET labels with washable inks
Sleeves	Sleeves in PE, PP, OPP (all with density <1 g/cm ³), with a size that does not hinder* the recognition of the underlying PET-polymer * Indication sleeve size of bottles > 500 ml: < 70% coverage * Indication sleeve size of bottles ≤ 500 ml: < 50% coverage	Sleeves in EPS; foamed PET (all with density <1 g/cm ³) which do not hinder the recognition of the underlying PET-polymer INTERIM: Twin-perforated sleeves for household and personal care conform guidelines by EPBP	Sleeves which hinder the recognition of the underlying PET-polymer (e.g. too large, metallised, heavily inked); Sleeves with density >1 g/cm ³ (e.g. PVC; PS; PET; PETG); Foamed PETG sleeves (even with density <1 g/cm ³); PET sleeves with washable inks
Tamper Evidence Wrap	PE; PP; OPP; (all with density <1 g/cm ³)	EPS, Foamed PET (with density <1)	Materials with density >1 g/cm ³ (e.g. metal; PVC; PS; PETG); Metallised materials. Foamed PETG (even with density <1 g/cm ³); PET with washable inks
Adhesives for labels	Alkali/water soluble and alkali/water releasable adhesive at 60-80°C without reactivation	Hot-melts; Pressure-sensitive labels.	Non-soluble in water or alkaline at 60-80°C; Non-releasable in water or alkaline at 60-80°C
Inks	Non-toxic (according to EUPIA guidelines)		Inks that bleed; Toxic or hazardous inks.
Direct Printing	Laser marked print;	Production or expiry date	Any other direct printing
Other Components	Base cup, handles or other components which are separated by grinding and float/sink - all with density <1 g/cm ³ ; PET		Materials with density >1 g/cm ³ (e.g. metal, RFID tags); Non-detaching or welded components;

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* Class ranking resulting by the RecyClass assessment. B class is reported two times because of the 90-95% amount of PET in the packaging or because of slight incompatibilities in the design