Design For Recycling

GUIDELINES for packaging

* A removable label is a label resulting in a removal efficiency equal or higher than 90% by grinding and washing the packaging. RecyClass is developing a standard testing procedure to prove label removability

The DfR guidelines for RecyClass plastic packaging are 100% aligned with....

CIRCPACK by **VEOLIA**

For more info, please visit https://recyclass.eu/

Material:

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- •PET thermoform

Natural&white



		Yes - Full compatibility	Conditional - Limited compatibility	No - Low (or no) compatibility
	Material	PS		PS foamed < 1 g/cm³; multilayers (PET, PETG, PVC, PLA, HDPE, PP)
Attachments Main body	Colours	Natural; white		Any other colour
	Size		Items compacted ≤ 5 cm	Items (compacted) ≤ 2 cm
	Product residues	A if the index Easy-to-empty is < 5%; B if the index is < 10%	C if the index Easy-to-empty is < 15%	D if index <20%; E < if index 25%; F if index > 25%
		EVOH ≤ 5.0 wt% + PE-q-MAH tie layers and EVOH:Tie layers ratio ≤ 1	EVOH > 5.0 wt% + PE-g-MAH tie layers and EVOH:Tie layers ratio ≤ 1	PA; PVdC
		Additives that are unavoidable in processing (stabilizers, antioxidants, lubricants) and in formulation (SBS copolymer) with density that remains between 1 and 1.07 g/cm³		Additives increasing density > 1.07 g/cm³; Bio/oxo/photodegradable additives
	Colours	Natural; White	Light colours	Black Inner layer, Black, Carbon Black, Other dark colours
	Closure Systems	PS		PET; PETG; PVC; PLA; Paper; Any material with d >1 g/cm³; Non detaching or welded closures; Aluminium; metal
	Liners, Seals and Valves	PS		PET; PETG; PVC; PLA; Any material with d >1 g/cm³; Metal; metal foil; silicone
	Lids	PS		PVC; Non removable alu lidding; Paper; PET. Multilayer PET/paper or PET/PS; Any material with density >1 g/cm³
	Other Components	PS		PET, PETG, PVC, PLA, metal, metal foil, paper; Any other material with density >1 g/cm³
				Inks that bleed; Inks non-compliant with <u>EuPIA Exclusion Policy;</u> PVC binders
	Facestock Label Material			Non removable or partially removable labels; Labels that hinder the recognition of the PS; PET, PETG, PVC, PLA; Paper label; In-Mould-Labels; Metallised materials; Aluminium
orat	Adhesives for labels*	Removable labels in the recycling process		Not removable in the recycling process
۵		Sleeves in PS; <u>Self-separable plastic and cardboard sleeves under</u> mechanical pressure (<u>sorting test</u> mandatory)		Sleeves that hinder PS recognition; Sleeves in non PO materials with d <1 g/cm³; PET, PETG, PVC, PLA; Cardboard sleeves; Metallised materials; Heavily inked sleeves; Alu
	Other Decorative Technologies	Laser marked; Production or best-before date		