

	YES - FULL COMPATIBILITY	CONDITIONAL - LIMITED COMPATIBILITY	NO - LOW COMPATIBILITY
MATERIAL COMPOSITION (AMOUNT OF PS IN THE PACKAGING)*	A >= 95%, B >= 90% and all packaging features are FULLY compatible with recycling	C >= 70% and all packaging features are FULLY compatible with recycling	D >= 50%, E >= 30% and all packaging features are FULLY compatible with recycling
DESCRIPTION (TEST PROTOCOL)	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 PS 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 PS recycling	Materials that failed the testing protocols OR materials that have not been tested (yet), but pose a high risk of interfering with PS recycling
DESCRIPTION (METHODOLOGY)	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from A to B or from B to C	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from C to D	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from D to E or from E to F
PACKAGING	MATERIAL* PS		PS foamed < 1 g/cm³; multilayers (e.g. PET, PETG, PVC, PLA, HDPE, PP)
MAIN BODY	MATERIAL* COLOURS SIZE PRODUCT RESIDUES (EASY TO EMPTY INDEX) BARRIER ADDITIVES	PS Light colours Items compacted < 5 cm C if the index is < 15% EVOH <= 5.0 wt% + PE-g-MAH tie layers and EVOH:Tie layers ratio <= 1 Mineral fillers (CaCO3, talc) not increasing density > 1,07 g/cm³	PS foamed < 1 g/cm³; multilayers Non NIR detectable colours Items compacted < 2 cm D if the index is < 20%; E < if the index is 25%; F if the index is > 25% PA; PVDC Additives increasing density > 1,07 g/cm³; Bio/oxo/degradable additives
ATTACHMENTS	CLOSURE SYSTEM LINERS, SEALS AND VALVES LIDS OTHER COMPONENTS	PS PS PS PS Removable PP and/or PE, paper without fiberloss PP; PE; EVA; TPE (non welded and with density <1 g/cm³) Removable PP and/or PE; Removable aluminium lidding; Paper without fiberloss Removable PP and/or PE; paper without fiberloss	PET; PETG; PVC; PLA; Paper with fiberloss; Any other material with density >1 g/cm³; Non detaching or welded closures; Aluminium; metal PET; PETG; PVC; PLA; Any other material with density >1 g/cm³; Metal; metal foil; silicone PVC; Non removable aluminium lidding; paper with fiberloss; PET. Multilayer PET/paper or PET/PS; Any other material with density >1 g/cm³ PET; PETG; PVC; PLA; metal; metal foil; any other material with density >1 g/cm³
DECORATION*	INKS LABELS MATERIALS (PSL, WET-GLUE LABELS, WRAP-AROUND LABELS, IML) ADHESIVES FOR LABELS SLEEVES DIRECT PRINTING	Non-bleeding inks compliant with EuPIA Exclusion Policy Labels in PS Water soluble adhesive (@ less than 40°C); Water releasable adhesive (@ less than 40°C) Sleeves in PS; Self-separable plastic and cardboard sleeves under mechanical pressure (sorting test mandatory) Laser marked; Production or best-before date; Direct printing (inks + lacquer) representing < 1 wt% of the total packaging (except dark colours)	Inks that bleed; Inks non compliant with EuPIA Exclusion Policy ; PVC binders Labels that hinder the recognition of the PS; PET; PETG; PVC; PLA; Paper with fiberloss; In-Mould-Labels; Metallised materials; Aluminium Non-water soluble adhesive (@ less than 40°C); Non-water releasable adhesive (@ less than 40°C) Sleeves that hinder the recognition of the PS; PET; PETG; PVC; PLA; Cardboard sleeves with fibre loss during recycling process; Metallised materials; Heavily inked sleeves; Aluminium Any other direct printing

RECYCLED CONTENT: No change in the recyclability assessment. A separate '[Recycled Plastics Traceability Certification](#)' based on a Chain of Custody approach is available with RecyClass.

* Polymer resin can be either fossil- or bio-based, virgin or recycled. EPS commercial packaging should refer to other existing DIR Guidelines (i.e. EPS white goods and EPS fish boxes). XPS and EPS household packaging are not recycled into the PS stream. To recycle them, it is necessary to develop a separate stream.

** Decorative technologies must not hinder the recognition of the underlying PS-polymer. Features as size, print, mass colouration and/or barrier might require to perform a [Sorting Evaluation Protocol](#). Known misleading features are listed on the RecyClass Methodology and the following size indications can be considered to ensure the recognition of PS:

- Size of non-PS surfaces on containers > 500 ml: < 70% coverage
- Size of non-PS surfaces on containers < 500 ml: < 50% coverage

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