

10th March 2025



Test de la Recyclabilité des Emballages

Recyclability tables



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nouvelle vie à nos produits.

Recyclability tables

Operation of the tables

To carry out the recyclability analysis and determine the compatibility of each packaging component with the targeted recycling stream, the TREE tool uses the tables presented in this document. These tables are validated and regularly updated by the materials committees (Cotrep, CEREC, Alutrec, etc.). For each recycling stream, they allow the components of the packaging to be categorised according to their compatibility with the recycling stream in question.

Although we strive to keep the tool up to date, there may be a time lag between the latest validated versions of the tables and their transposition into the tool due to the development time required for TREE.

Therefore, you will find below:

- The keys for understanding the recyclability tables
- The tables used in the tool

Keys for recyclability tables

- **Green Category:** This includes materials, additives, colorants, adhesives, inks, etc. that do not currently cause problems during regeneration and recycling stages.
- **Orange Category:** This includes materials, additives, colorants, adhesives, inks, etc. that do not prevent recycling of packaging items, but seriously affect regeneration and recycling (impact on recycled material quality, recycling yield, etc.).
- **Red Category:** This includes materials, additives, colorants, adhesives, inks, etc. that compromise the overall recyclability of packaging items. If any of these elements are included in the composition of a packaging item, it is currently considered non-recyclable in France.

1. Recyclability Table – Glass packaging

	Full compatibility - Ideal	Tolerated compatibility	Limited compatibilité - Conditional	Non compatible and/or disruptive
Materials	- Soda-lime glass			- Boro silicate glass - Crystal
Colour / In-blend treatment			- Presence of heavy metals - Non-translucent in-blend treatment - Significant metallisation	
Shaping / Varnish	- Frosting - Surface treatment - Translucent coating		- Non-translucent coating	
Closure system	- Magnetic steel - Aluminium - Soda-lime glass	- Cork - Wood - Plastic (except PVC) - Steel or Aluminium associated with chlorinated resin (<8% in total packaging element weight)	- PVC/PVdC - Tin - Zamak	- Non-magnetic metals and non reactive to eddy current (brass, stainless steel...) - Porcelain - Ceramic - Crystal - Boro silicate glass - Other infusible materials - Steel or Aluminium associated with chlorinated resin (>8% in total packaging element weight)
Label	- Sleeve out of plastic (except PVC/PVdC)	- Paper or plastic (except PVC/PVdC) if attached with a non ultra-adhesive glue	- PVC/PVdC	- Paper or plastic (except PVC/PVdC) if attached with an ultra-adhesive glue
Adhesive				- Ultra-adhesive glue for labels (e.g. certain pressure-sensitive adhesives)
Others				

2. Recyclability Table – Paper/cardboard packaging

		GREEN		ORANGE	RED
		Recyclable ; ideal	Recyclable, tolerate	Recyclable, to avoid	Non recyclable/disruptive
Material	Cellulosic fibers (any sources : wood, bamboo, sugar cane residue, other annual plants sources...) • Paper, paper board • Corrugated board • Moulded cellulose • Transparent/translucent Paper				- Reinforced paper&board (whatever nature of reinforcement : metallic, plastic, textile etc.) - Non defibrated vegetable material : wood, bamboo, palm tree leaf, etc. - Synthetic fibres : plastique, regenerated cellulose (Viscose, Cellophane, Lyocell, Modal...)
Color	- unbleached pulp, bleached pulp, mass tinted pulp				
Filler / Mass treatment	- mineral fillers		- Non defibrated vegetables debris (grass debris, cocoa shell debris...) incorporated into the pulp - Synthetic fibres : plastique, regenerated cellulose (Viscose, Cellophane, Lyocell, Modal...)	- Wet Strength (sufficient pulping after 45 minutes)	- Wet strenght treatment - unsufficient pulping after 45 minutes
Coatings / Barriers (Material/substances covering the entire surface of the paper&board material)	PVOH / bio-source "PVOH", Casein Mineral coating Polymeric coating		Complex paper&board • Extruded PE • Extruded PP • Extruded PET • Extruded PLA, • Complex PE/alu • Aluminium film • Other extruded plastic (excl. PVC / PVdC) • Cellophane • Viscose • Paraffin (Wax for paper)	PVC / PVdC Metallisation covering 100% of one side of the packaging (aluminium lamination, aluminised plastic lamination) if this fulfils essential functions and there is no sortable alternative.	
Shaping	- Staples - Paper tape		- Plastic tape	- Reinforced paper tape (whatever nature of reinforcement)	
Decoration			Metallic decoration covering less than 25% of each side of the packaging (hot foil stamping, cold transfer)		Metallisation or metallic decoration covering more than 25% of at least one side of the packaging (hot foil stamping, cold transfer, aluminium lamination, aluminised plastic lamination), even if the metallisation is covered by printing.
Closing system / windows and other accessories (Associated material / object not covering the entire surcae of the paper&board material)	- Paper tape - Paper&board cover (dry moulding, moulded fiber...) - Translucent paper window		- Plastic tape, glue/adhesives - plastic windows - Plastic object (cover...) excl. PVC - Other matériaux (metal, wood) - Additional component made of regenerated cellulose	- PVC / PVdC	
Labels	- paper label		- Plastic label (excl. PVC/PVdC) - WS paper label	- PVC / PVdC	
Inks and printing			- intense and bleeding colors	- Inks with more than 1% of MOSH & MOAH	
Adhesives and glues	- Screenable adhesives (ERPC Score >70 to INGEDE12 test) (ex: non PSA hotmelt)		- Water based adhesives	- Partially dispersable and/or non screenable adhesives (ex: PSA)	
Other INTEGRATED COMPONENT			- wineskin (Bag-In-Box) - RFID chip - Made of regenerated cellulose		

This matrix includes the CEREC recommendations on the regeneration stage and the COCET recommendations on the behaviour of paper and cardboard packaging in the sorting process.

To be noted, particularly for paper/cardboard packaging

For a packaging with a rate of theoretically recoverable material near 50%, we recommend you make another test according to the CEREC methodology, in order to check if the reject rate is less than 50%, another condition to claim that a paper-board packaging is recyclable.

3. Recyclability Table – Rigid aluminium packaging

Alutrec	Recyclable, ideal	Recyclable, tolerated	Recyclable, but better avoiding	Non recyclable/Disturbing the process
Packaging	Aluminium	Aluminium/plastic (Chlorinated resin < 8% in total packaging weight) Aluminium/organic matter Aluminium/Steel (chromium steel, tinned steel, tin plate, black plate)	Zamak Tin	Chlorinated resin >8% in total packaging weight, PVDC Non magnetic stainless steel
Direct Printing	External and internal surface coating			PVDC
Closing systems	Aluminium	Plastic (Chlorinated resin <8% in total packaging weight), organic matter Steel (chromium steel, tinned steel, tin plate, black plate)	Zamak Tin	Chlorinated resin >8% in total packaging weight, PVDC
Valve, pump...	Aluminium	Plastic, organic matter Steel (chromium steel, tinned steel, tin plate, black plate) Magnetic Stainless steel for valve spring only	Non-Magnetic Stainless steel for valve spring only Zamak	Chlorinated resin
Tag		Paper, plastic (sleeve)		Chlorinated resin, PVDC
Others				

4. Recyclability Table – Flexible aluminium packaging

Alutrec	Recyclable, ideal	Recyclable, tolerated	Recyclable, but better avoiding	Non recyclable/Disturbing the process
Packaging (all included)	Aluminium	Aluminium/polymer (without chlorine) Aluminium/organic matter	Aluminium/polymer (Chlorine rate < 20% of total packaging weight)	Aluminium/polymer (Chlorine rate > 20% of total packaging weight)
Tag		Paper, PE, PP, PET		
Others				

5. Recyclability Table – Steel packaging

COTREM	Recyclable, ideal	Recyclable, tolerated	Recyclable, but better avoiding	Non recyclable/Disturbing the process
Packaging	Steel (Tin plate or Chrome steel)	Steel/Plastic (Chlorinated resin <8%) Steel/Organic matter Enamelled steel Aluminium		Chlorinated resin >8%
Direct Printing	External and internal surface coating			
Closing systems	Steel (Tin plate or Chrome steel)	Plastic (Chlorinated resin <8% in total packaging weight) Aluminium Enamelled steel		Chlorinated resin >8%
Valve, pump...	Steel (Tin plate or Chrome steel)	Plastic (Chlorinated resin <8% in total packaging weight) Stainless steel		Chlorinated resin >8% in total packaging weight
Tag		Paper, plastic (sleeve)		RFID PVC, PVDC
Others				

6. Recyclability Table – Plastic packaging

The latest updated versions of the recyclability tables for plastic packaging are available on the COTREP website at: <https://www.cotrep.fr/etapes/>

The tables below were used to develop the tool, they are shown here in French, but you can find them in English on the COTREP website.

6.1 Recyclability Table – Clear PET bottle and dispenser bottle packaging items

COTREP

		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditionnal	Not Compatible and/or disruptive
BODY	Material	PET			Copolyester (ex. PETG ^(EPBP) , PET-GAG, PET hot-fill ^(AG62)) PET in association with other plastic resins (PET/PE ^(AG59) , PET/PLA, PET/PVC, etc.) PVC ^(EPBP) PLA ^(AG35) PET in association with a none plastic material (wood ^(AG56) , ceramic ^(AG45) ...) PEF
	Colour (in blend)	Transparent clear Transparent light blue			Other transparent colours Opaque ^(AG19) Fluorescence or metallic
	Barrier		PA 3 layer structure max 5% ^(EPBP, AG37) Coating SiOx or Cox ^(EPBP) PGA ^(EPBP) , PTN ^(EPBP) PEF**	Oxygen scavenger ^(VLP0801, VLP0604)	EVOH PA 5 layer structure ^(EPBP, AG37) PET/PA in blend Other barriers and resins (multilayer, blends, hydrosoluble barrier)
	Additive and density		UV stabilisers AA blockers Optical brightener		PET d < 1 PET with additive loads or expanded Fluorescents Bio-/oxo-/photodegradables additives, nanocomposites ^(EPBP)
Closure System	Cap, closure system, valve, pump	not printed transparent PET PE or PP	other plastic d<1 ^(FT25) EVOH ^(EE0404) or EVA ^(EE04011) associated and not separable from PP or PE d<1	Silicone or TPE d<1 ^(FT25, VLP0701)	Transparent printed PET Non transparent PET PET in association with other material Other plastics, silicone or TPE d>1 ^(FT25) Metal ^(AG39) Wood ^(AG56) Thermosed plastics Glass (ex. sphere) ^(AG39)
	Seal		Mono or multi d<1, metal free ; peel-off seal and/or with a water releasable adhesive (ex. plastic, plastic/paper) Seal in Ketchup packaging or other condiments ^(VLP0603)		Mono or multi seal with d<1, not peelable and with a not water releasable adhesive Mono or multi seal d<1 with metallic elements (ex. plastic with alu, métallization) Mono ou multi seal d>1 PET seal Aluminium seal (peelable or not, water releasable or not adhesive)

DESIGN	Direct printing on the pack	Without printing Laser marked	Production or expiry date mark		Any other direct printing
	Label on the pack body or the cap	Plastic d <1 (ex. PP ^(AG15) , OPP, PE) with a water releasable adhesive**	Paper with a water releasable adhesive** ^{EPBP} Plastic d <1 (ex. PP, OPP, PE) wrapping with a line of not water releasable adhesive	Paper wrapping with a line of not water releasable adhesive	Other plastics d >1 (ex. PVC, PETg, PS, PET on clear PET) ^(AG08, AG07) Multilayer with an alu layer (ex. paper/alu, PP/alu) ^(AG13) Paper with a not water releasable adhesive Plastic d <1 (ex. PP, OPP, PE) with a not water releasable adhesive
	Sleeve		PE PO (PP/PE blend mostly in PP) PET d <1	Other plastics d <1	Other plastics d >1 (ex. PET, PETg ^(AG44) , PS ^(AG42) , PLA et PVC ^(AG08)) Crystallized PET*
	Adhesive (Label and bonded lid)	Water releasable at 60-80°C in alkaline conditions and residue-free ^{EPBP}			Not water releasable at 60-80°C in alkaline conditions ^{EPBP}
	Ink (on label, seal, cap, closure system, sleeve)	Without printing Not washable in water at 60-80°C in alkaline conditions ^{EPBP} (eg. Ink between 2 material layers or on the surface below a varnish layer) Good practices EuPIA			Washable (ex. surface printing) Metallic inks
Other elements	Other elements	Associated PE or PP elements			RFID Welded or bonded elements with a not water releasable adhesive PVC Aluminium element PETG, PS, PLA elements Thermoset plastics

6.2

Recyclability Table – Coloured PET bottle and dispenser bottle packaging items

COTREP

		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditional	Not Compatible and/or disruptive
BODY	Material	PET			Copolyester (ex. PETG ^{*(EPBP)} , PET-GAG, PET hot-fill ^{*(AG62)}) PET in association with other plastic resins (PET/PE, PET/PLA, PET/PVC, etc.) PVC ^{EPBP} PLA ^{*(AG35)} PET in association with a none plastic material (wood ^(AG56) , ceramic ^(AG46) ...) PEF
	Colour (in blend)	Blue Transparent Green	All colour except blue and transparent green ^{*(AG33)}	All colours with mineral content > 1% ^{*(AG19)}	Not detectable black color in external layer ^(EE0907c) Fluorescence or metallic
	Barrier		PA 3 layer structure max 5% ^{*(EPBP, AG37)} Coating SiOx or Cox ^{*(EPBP)} PGA ^{*(EPBP)} , PTN ^{*(EPBP)} Oxygen scavenger ^{*(VLP0801, VLP0604)} PEF**		EVOH PA 5 layer structure ^{*(EPBP, AG37)} Blend PET/PA Other barriers and resins (multilayer, blends, hydrosoluble barrier)
	Additive and density		UV stabilisers AA blockers Optical brightener Expanded PET d > 1 (gaz, blowing agent)		Expanded PET d < 1 (gaz, expansion agent) PET with additive loads or expanded Fluorescents Bio-/oxo-/photodegradables additives, nanocomposites ^{EPBP}
Closure System	Cap, closure system, valve, pump	Transparent or blue or green PET, not printed (except for expiry date mark) PE or PP	PET, all color except blue or transparent green Printed PET Other plastics d<1 ^(FT25) EVOH ^(EE0404) or EVA ^(EE04011) associated and not separable from PP or PE d<1	PET with mineral > 1% Silicone or TPE d<1 ^(FT25, VLP0701)	Other plastic, silicone or TPE d>1 ^(FT25) Metal ^(AG39) Wood Thermoset plastics Glass (ex. sphere) ^(AG39)
	Seal		Mono or multi seal with d<1, metal free ; peel-off seal and/or with a water releasable adhesive (ex. plastic, plastic/paper) Seal in Ketchup packaging or other condiments ^{*(VLP0603)}		Mono or multi seal d<1, not peelable and with a not water releasable adhesive Mono or multi seal d<1 with metallic elements (ex. plastic with alu, métallization) Mono ou multi seal d>1 PET seal Aluminium seal (peelable or not, water releasable or not adhesive)

DESIGN	Direct printing on the pack	Without printing Laser marked Production or expiry date mark	Direct printing - not washable ink at 60-80°C, on PET packaging other than transparent green and opaque white		Direct printing - washable ink at 60-80°C Direct printing on PET packaging other than transparent green and opaque white Metallized ink
	Label on pack or cap	Plastic d < 1 (ex. PP ^(AG15) , OPP, PE) with a water releasable adhesive**	Paper with a water releasable adhesive** ^{EPBP} Plastic d < 1 (ex. PP, OPP, PE) wrapping with a line of not water releasable adhesive	PET on a PET pack which is not green or white with a water releasable adhesive** Paper wrapping with a line of not water releasable adhesive	Other plastics d > 1 (ex. PVC ^(AG08) , PETg, PS, PET on green and white PET pack) ^(AG07) Multilayer with an aluminium layer (eg. paper/alu, PP/alu) ^(AG13) PVC Ruffle Paper with a not water releasable adhesive Plastic d < 1 (ex. PP, OPP, PE) with a not water releasable adhesive
	Sleeve	PO (PP/PE blend mostly in PP) PE	Other plastics d < 1	PET on a PET pack which is not transparent green or white Crystallized PET	Other plastics d > 1 (ex. PET on transparent green and white PET pack, PETG ^(AG44) , PS ^(AG42) , PLA et PVC ^(AG08) ^(AG12))
	Adhesive (Label and bonded lid)	Water releasable at 60-80°C in alkaline conditions and residue-free ^{EPBP}			Not water releasable at 60-80°C in alkaline conditions ^{EPBP}
	Ink (on label, seal, cap, closure system, sleeve)	Without printing Not washable in water at 60-80°C in alkaline conditions ^{EPBP} (ex. Ink between 2 material layers or on the surface below a varnish layer) Good practices EuPIA			Washable (ex. surface printing) Metallic inks
Other elements	Other elements	Associated PE or PP elements			RFID Welded or bonded elements with a not water releasable adhesive PVC Aluminium element PETG, PS, PLA elements Thermoset plastics

6.3

Recyclability Table – PP bottle and dispenser bottle packaging items

COTREP		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditionnal	Not Compatible and/or disruptive
BODY	Material	PP		PP associated with PE	Multilayers PP (PP/PLA, PP/PVC, PP/PS, PP/PET, PP/PETG, etc.) PP associated with a none plastic material (wood ^(AG57) , ceramic ...)
	Colour (in blend)	Colourless and all colours			Not detectable black colorant in external layer
	Barrier		EVOH with tielayer ^(AG53) Kapseal ^(AT1501) Carbon black as an internal layer Oxygen scavenger		Other barriers and resins (multilayers, blends) Aluminium ^(AG11)
	Additive and density		Expanded PP d<1 (gaz, blowing agent) UV stabilizer		Mineral-filled PP (fillers and other agents) with d > 1 ^(AG50) PP mineral-filled then expanded
	Taille				
CLOSURE SYSTEM	Cap, closure system, valve, pump	pp	PE Plastic d>1 Steel ball or spring	Aluminium Other metals Silicone or TPE d>1	Wood Other plastic, silicone or TPE d<1 Thermoset plastics Glass (ex. sphere)
	Seal		Seal d<1 in PE, PP, EVOH with tielayer, surlyn, coating ; peelable and/or with a water releasable adhesive Mono or multi seal d>1 , peelable and/or with a water releasable adhesive (ex. plastic, plastic/paper, plastic/alu) Seal for condiments (such as Ketchup, mayonnaise, etc.)	Seal d<1 in PE, PP, EVOH with tielayer, surlyn, coating ; not peelable and with a not water releasable adhesive Peelable Aluminium Seal and/or with a water releasable adhesive ^(AG11)	Mono or multi seal d<1 Mono ou multi seal d>1 not peelable and with a not water releasable adhesive Not peelable aluminium seal and with a not water releasable adhesive ^(AG11)
DESIGN	Direct printing on the pack	Without printing Laser marked Production or expiry date mark	Direct printing - not washable ink at room temperature Foil stamping – Coverage rate < 50 % of the total surface of the packaging Metallic inks – Coverage rate < 2 % of the total surface of the packaging EuPIA Good practice		Direct printing - washable ink at room temperature Foil stamping – Coverage rate > 50 % of the total surface of the packaging Metallic inks – Coverage rate > 2 % of the total surface of the packaging
	Label on pack or cap	PP, OPP with a water releasable adhesive (without covering conditions) ^(AG16) PE with a water releasable adhesive	Paper with a water releasable adhesive Paper wrapping with a line of not water releasable adhesive PP, OPP with a not water releasable adhesive Plastic d>1 with a water releasable adhesive (ex. PET, PETG, PS) PP based IML with or without EVOH	PSL Paper with a not water releasable adhesive PE with a not water releasable adhesive PE based IML with or without EVOH	PVC ^(AG14) Other plastics d<1 Other plastics d>1 with a not water releasable adhesive Multilayers with an alu layer (ex. PP/alu) ^(AG11) IML with a different plastic resin than the pack body
	Sleeve	PP without covering conditions	PO (PP/PE blend mostly in PP)	PS PETG PET	PVC, PLA
	Glue/Adhesive (Label and bonded lid)	Water releasable at room temperature and without residue on pack			Not water releasable at room temperature
	Ink (on label, seal, cap, closure system, sleeve)	Without printing Not washable at room temperature (ex. Ink between 2 material layers or on the surface below a varnish layer) Good practices EuPIA	Foil stamping – Coverage rate < 50 % of the total surface of the packaging Metallic inks – Coverage rate < 2 % of the total surface of the packaging		Washable at room temperature (ex. surface printing) Foil stamping – Coverage rate > 50 % of the total surface of the packaging Metallic inks – Coverage rate > 2 % of the total surface of the packaging
	Other elements	PP element not bonded or with a water releasable adhesive	PET, PETG, PS elements not bonded or with a water releasable adhesive	Aluminium element not bonded or with a water releasable adhesive	RFID bonded element with a not water releasable adhesive PVC, PLA Thermoset plastics

6.4

Recyclability Table – HDPE bottle and dispenser bottle packaging items

COTREP

		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditional	Not Compatible and/or disruptive
BODY	Material	HDPE	Other PE ^(AG60) Surlin ^(IAT-PEHD-14-01)	PE associated with PP	Multilayers PEHD (PEHD/PLA, PEHD/PVC, PEHD/PS, PEHD/PET, PEHD/PETG, etc.) Thermoset plastics PE associated to a non plastic material (wood ^(AG57) , ceramic ...)
	Colour (in blend)	Colourless and all colors			Not detectable black colorant in external layer
	Barrier		EVOH with tielayer ^(AG52) Carbone black as an internal layer Oxygen scavenger	Advanced In-Mould Fluorination (A-IMF) or plasma fluorination	Other barriers and resins (multilayers, blends) Aluminium
	Additive and density		Expanded PE d<1 (gaz, blowing agent) UV stabilizer		Mineral-filled PE (fillers and other agents) with d > 1 ^(AG49) PE mineral-filled then expanded
CLOSURE SYSTEM	Cap, closure system, valve, pump	PE*	PP Plastic d>1 Steel ball or spring	Aluminium Other metals Silicone or TPE d>1	Other plastic, silicone or TPE d<1 Wood Thermoset plastics Glass (ex. sphere) ^(AG40)
	Seal		Seal d<1 in PE, PP, EVOH with tielayer, surlin ^(IAT-PEHD-14-01) , coating ; peelable and/or with water releasable adhesive Mono or multi seal d>1, peelable and/or with a water releasable adhesive (ex. plastic, plastic/paper, plastic/alu) Seal for condiments (such as Ketchup, mayonnaise, etc.)	Seal d<1 in PE, PP, EVOH with tielayer, surlin ^(IAT-PEHD-14-01) , coating ; not peelable and with a not water releasable adhesive Peelable Aluminium Seal and/or with water releasable adhesive	Mono or multi seal d<1 Mono ou multi seal d>1 not peelable and with a not water releasable adhesive Not peelable aluminium seal and with a not water releasable adhesive
Design	Direct printing on the pack	Without printing Laser marked Production or expiry date mark	Direct printing - not washable ink at room temperature Foil stamping* – Coverage rate < 50 % of the total surface of the packaging Metallic inks – Coverage rate < 2 % of the total surface of the packaging EuPIA good pratics		Direct printing - washable ink at room temperature Foil stamping* – Coverage rate > 50 % of the total surface of the packaging Metallic inks – Coverage rate > 2 % of the total surface of the packaging
	Label on pack or cap	PE with a water releasable adhesive (without covering conditions) PP, OPP with a water releasable adhesive ^(AG16)	Paper with a water releasable adhesive Paper wrapping with a line of not water releasable adhesive PE with a not water releasable adhesive Plastic d>1 with a water releasable adhesive (ex. PET, PETG, PS ^(AG43)) PE based IML with or without EVOH	PSL Paper with a not water releasable adhesive PP, OPP with not water releasable adhesive PP based IML with or without EVOH	PVC ^(AG14) Other plastics d<1 Other plastics d>1 with a not water releasable adhesive Multilayers with an alu layer (ex. PP/alu) ^(AG45) IML with a different plastic resin than the pack body
	Sleeve	PE without covering conditions	PO (PP/PE blend mostly in PP)	PS PETG PET	PVC ^(AG14, AG12) , PLA
	Adhesive (Label and bonded lid)	Water releasable at room temperature and without residue on pack			Not water releasable at room temperature
	Ink (on label, seal, cap, closure system, sleeve)	Without printing Not washable at room temperature (ex. Ink between 2 material layers or on the surface below a varnish layer) EuPIA good pratics	Foil stamping* – Coverage rate < 50 % of the total surface of the packaging Metallic inks – Coverage rate < 2 % of the total surface of the packaging		Washable at room temperature (ex. surface printing) Foil stamping* – Coverage rate > 50 % of the total surface of the packaging Metallic inks – Coverage rate > 2 % of the total surface of the packaging
Other elements	Other elements	PE element not bonded or with a water releasable adhesive	PET, PETG, PS elements not bonded or with a water releasable adhesive	Aluminium element not bonded or with a water releasable adhesive	RFID bonded element with a not water releasable adhesive PVC, PLA Thermoset plastics

6.5

Recyclability Table – Pots, trays and other clear PET rigid packaging

		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditionnal	Not Compatible and/or disruptive
BODY	MATERIAL	PET		PET in association with a PET-based sealing layer	Copolyester (PETG, PET-GAG, PET hot-fill) PET in association with other plastic resins (PET/PE, PET/PLA, PET/PVC, etc.) or a PE-based sealant layer PET in association with a none plastic material (paper, wood, ceramic, metal, etc.)
	COLOUR (IN BLEND)	Transparent clear Transparent blue			Other transparent colours Opaque Fluorescence or metallic
	BARRIER				EVOH PA Other barriers and resins (multilayer or blends barrier)
	ADDITIVE AND DENSITY		UV stabilisers AA blockers Optical brightener Silicone on surface for unstacking		PET with additive loads or expanded Bio-/oxo-/photodegradable additives, nanocomposites
CLOSURE SYSTEM	CAP NOT SEALED/BONDED	Not printed transparent PET	PP, PE and other plastics d<1		Colored, opaque or printed PET Copolyester (PETG, PET-GAG, PET hot-fill) PVC Others plastics mono or multi d>1 Metal Wood Thermoset plastics
	CAP SEALED/BONDED		Not printed transparent PET; peelable and/or with water releasable adhesive PE or PP or other plastic d<1; peelable and/or with water releasable adhesive	Not printed transparent PET; not peelable and with not water releasable adhesive PET in association with a PET-based sealing layer; not printed	Colored, opaque or printed PET Copolyester (ex. PETG, PET-GAG, PET hot-fill) PVC Other plastic mono or multi d>1 Metal Wood Thermoset plastics
	HEAT-SEALED LID	Not printed transparent PET lid; peelable	Mono or multi lid d<1, without metal (ex. plastic, plastic/paper); peelable	Not printed transparent PET lid; not peelable	Other mono or multi lid d>1 Mono or multi lid d<1 with metal (ex. plastic/alu, metallization) Mono or multi lid d<1, not peelable Aluminium lid (peelable or not) Lid with PVDC Thermoset plastics
	BONDED LID	Not printed transparent PET lid; peelable and/or with a water releasable adhesive	Mono or multi lid d<1, without metal; peelable and/or with a water releasable adhesive (ex. plastic, plastic/paper)	Not printed transparent PET lid; not peelable and with a not water releasable adhesive	Other mono or multi lid d>1 Mono or multi lid d<1 with metal (ex. plastic/alu, metallization) Mono or multi lid d<1, not peelable; not peelable and with a not water releasable adhesive Aluminium lid (peelable or not) Lid with PVDC Thermoset plastics
	SKIN				PVC Skin with PVDC Thermoset plastics
	FLOWPACK, STRETCHABLE FILM				

DESIGN	DIRECT PRINTING ON PACK	Without printing Laser marked	Production or expiry date mark		Any other direct printing
	LABEL ON BODY OR CAP		Paper partial with a water releasable adhesive PP, OPP, PE partial with a water releasable adhesive	Paper total with a water releasable adhesive PP, OPP, PE total with a water releasable adhesive	Other plastic d>1 (ex. PET on PET clear packaging, PETg, PS, etc.) Paper, PP, OPP, PE with not water releasable adhesive PVC Multilayer with an alu layer (ex. paper/alu, PP/alu)
	LABEL ON NOT PRINTED TRANSPARENT PET LID		Paper partial with a water releasable adhesive PP, OPP, PE partial with a water releasable adhesive	Paper total with a water releasable adhesive PP, OPP, PE total with a water releasable adhesive	Other plastic d>1 (ex. PET on PET clear packaging, PETg, PS, etc.) Paper, PP, OPP, PE with not water releasable adhesive PVC Multilayer with an alu layer (ex. paper/alu, PP/alu)
	LABEL ON MONO OR MULTI D<1, WITHOUT METAL, LID		Paper partial with a water releasable adhesive PP, OPP, PE partial	Paper total with a water releasable adhesive PP, OPP, PE total	Other plastic d>1 (ex. PET on PET clear packaging, PETg, PS, etc.) Paper with not water releasable adhesive PVC Multilayer with an alu layer (ex. paper/alu, PP/alu)
	SLEEVE		Plastics d<1 (ex. PP, OPP, PE) partial	Plastics d<1 (ex. PP, OPP, PE) total	Other plastic d>1 (ex. PET, PETG, PS, PLA) PVC
	INK (ON LABEL, LID, CAP, SLEEVE)	Without printing Not washable in water at 60-80°C in alkaline conditions (eg. ink between 2 material layers or on the surface below a varnish layer) EuPIA Best Practices			Washable (ex. surface printing) Metallic inks
OTHER ELEMENTS	OTHER ELEMENTS		Not printed transparent PET ; not sealed/bonded or with a water releasable adhesive Element d<1 ; not sealed/bonded or with a water releasable adhesive	Cardboard unglued for blister Absorbent pad d<1 (e.g. fruit PE) ; not sealed/bonded or with a water releasable adhesive Not printed transparent PET ; bonded or with a not water releasable adhesive	Absorbent pad d>1 (ex. PE/Cellulose) Other absorbent pads PVC Metal RFID Colored or printed PET Copolyester (PETG, PET-GAG, PET hot-fill) Thermoset plastics Cardboard glued for blister

6.6

Recyclability Table – Pots, trays and other coloured PET rigid packaging

COTREP

		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditionnal	Not Compatible and/or disruptive
BODY	Material	PET		CPET	Copolyester (ex. PETG ^(EPBP) , PET-GAG, PET hot-fill ^(AG42)) PET in association with other plastic resins (PET/PE, PET/PLA, PET/PVC, etc.) PET in association with a none plastic material (wood ^(AG58) , ceramis ^(AG46) ...)
	Colour (in blend)	Blue Green	All colour except blue and green ^(AG33)	All colours with mineral content > 1% ^(AG19)	Not detectable black colour in external layer ^(EE0907c) Fluorescence or metallic
	Barrier				EVOH PA ^(EPBP, AG37) Other barriers and resins (multilayer, blends, hydrosoluble barrier)
	Additive and density		UV stabilisers AA blockers Optical brightener Expanded PET d > 1 (gaz, blowing agent)		Expanded PET d < 1 (gaz, blowing agent) PET with additive loads or expanded Fluorescents Bio-/oxo-/photodegradables additives, nanocomposites ^{EPBP}
Closing system	Cap not sealed/bonded	PET, transparent or blue or green, not printed PE or PP	PET, transparent or blue or green, printed PET, all color except blue or green, printed or not Other plastics d<1	PET with mineral > 1%, printed or not	Other plastics d>1 (alone or in blend) Metal Wood Thermoset plastic
	Cap sealed/bonded		PET, printed or not, peelable and/or with a water releasable adhesive PE or PP or other plastic d>1 ; peelable and/or with a water releasable adhesive	PET with mineral > 1%, printed or not	Other plastics d>1 (alone or in blend) Metal Wood Thermoset plastic
	Heat-sealed Lid		Mono or multi lid d<1, without metal ; peelable (ex. plastic, plastic/paper) Printed or not PET lid, peelable		Mono or multi lid d<1, not peelable Mono or multi lid d<1, with metal (ex. plastic/alu, metallization) Mono or multi lid d>1 (except peelable PET) Aluminium lid (peelable or not)
	Bonded lid		Mono or multi lid d<1, without metal ; peelable and/or with a water releasable adhesive (ex. plastic, plastic/paper) Printed or not PET lid, peelable and/or with a water releasable adhesive		Mono or multi lid d<1, not peelable and with a not water releasable adhesive Mono or multi lid d<1, with metal (ex. plastic/alu, metallization) Mono or multi lid d>1 (except peelable PET and/or with a water releasable adhesive) Aluminium lid (peelable or not, washable or not water releasable adhesive)
	Skin				PVC
	Flowpack, Stretchable film				

DESIGN	Direct printing on pack	Without printing B Laser marked Production or expiry date mark	Direct printing - not washable ink at 60-80°C, on PET packaging other than transparent green and opaque white		Direct printing - washable ink at 60-80°C Direct printing on PET packaging transparent green or opaque white Metallized ink
	Label on pack or cap	Plastic d <1 (ex. PP, OPP, PE)	Paper	PET on a PET pack which is not green or white/opaque	Other plastic d>1 (ex. PVC, PETg, PS, PET on opaque PET pack and green PET) Multilayer with an alu layer (ex. paper/alu, PET/alu)
	Label on mono or multi lid d<1, without metal	Plastic d <1 (ex. PP, OPP, PE) with a water releasable or not adhesive	Paper with a water releasable adhesive		Paper with not water releasable adhesive Other plastic d>1 (ex. PVC, PETg, PS, PET) Multilayer with an alu layer (ex. paper/alu, PP/alu) ^(AG13)
	Sleeve	PP ^(AG15) , OPP ^(AG15) , PE ^(AG17, CSEMP0405) d <1 ^(AG12)	Other plastics d<1	PET on a PET pack which is not green or white/opaque	Other plastics d>1 (ex. PET on opaque PET pack and green PET, PETG ^(AG44) , PS ^(AG42) , PLA and PVC ^(AG08) ^(AG12))
	Adhesive (Label and bonded lid)	Water releasable at 60-80°C in alkaline conditions and residue-free ^(FSP)			Not water releasable at 60-80°C in alkaline conditions ^(FSP)
	Ink (on label, seal, cap, sleeve)	Without printing Not washable in water at 60-80°C in alkaline conditions ^(FSP) (eg. Ink between 2 material layers or on the surface below a varnish layer) EuPIA good practices			Washable (ex. surface printing) Metallic inks
Other elements	Other elements		Element d<1 not bonded or with a water releasable adhesive	Blotting paper d<1 with or without water releasable adhesive Blotting paper d<1 with a line of not water releasable adhesive Adhesive free cardboard for blister	RFID Welded or bonded elements with a not water releasable adhesive PVC Aluminium element PETG, PS, PLA elements Thermoset plastics Blotting paper d>1 Cardboard glued for blister

6.7

Recyclability Table - Pots, trays and other HDPE rigid packaging

COTREP		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditionnal	Not Compatible and/or disruptive
BODY	Material	HDPE	Other PE ^(AG60) Surlyn* ^(AT-PEHD-14-01)	PE associated to PP	HDPE associated to other resins (PEHD/PLA, HDPE/PVC, HDPE/PS, HDPE/PET, HDPE/PETG, etc.) Thermoset plastic PE associated to a non plastic material (wood ^(AG57) , ceramic ...)
	Colour (in blend)	Colourless and all colors			Not detectable black colorant in external layer
	Barrier		EVOH with tielayer ^(AG52) Carbon black as an internal layer Coating SiOx, AlOx		Other barriers and resins (multilayers, blends)
	Additive and density		Expanded PE d<1 (gaz, blowing agents) Silicone on surface for unstacking UV stabilizer		Mineral-filled PE (fillers and other agents) with d > 1 ^(AG49) PE mineral-filled then expanded
Closing system	Cap not sealed/bonded	PE	PP Plastic d>1	Metal ^(AG02, AG40)	Wood Other plastic d<1 Thermoset plastics
	Heat-sealed Lid		Lid d<1 in PE, PP, EVOH with tielayer, surlyn ^(AT-PEHD-14-01) coating ; peelable Mono or multi lid d>1 , peelable (ex. plastic, plastic/paper, plastic/alu)	Lid d<1 in PE, PP, EVOH with tielayer, surlyn ^(AT-PEHD-14-01) , coating ; not peelable Peelable aluminium lid	Mono or multi lid d<1 Mono or multi lid d>1 not peelable Not Peelable aluminium lid
	Bonded lid		Lid d<1 in PE, PP, EVOH with tielayer, surlyn ^(AT-PEHD-14-01) , coating , peelable and/or with a water releasable adhesive Mono or multi d>1, peelable and/or with a water releasable adhesive (ex. plastic, plastic/paper, plastic/alu)	Lid d<1 in PE, PP, EVOH with tielayer, surlyn ^(AT-PEHD-14-01) , coating ; not peelable and with not water releasable adhesive Peelable aluminium lid and/or with a water releasable adhesive	Mono or multi lid d<1 Mono or multi lid d>1 not peelable and with a not water releasable adhesive Not peelable aluminium lid and with a not water releasable adhesive
	Skin		Skin d<1 in PE, PP, EVA, EVOH with tielayer, overlyn, coating; peelable	Skin from d<1 in PE, PP, EVA, EVOH with tielayer, surlyn, coating; non-peelable Skin mono or multi d>1, peelable	Other skin PVC
	Flowpack, Stretchable film				

DESIGN	Direct printing on pack	Without printing Laser marked Production or expiry date mark	Direct printing - not washable ink at room temperature Foil stamping* – Coverage rate < 50 % of the total surface of the packaging Metallic inks – Coverage rate < 2 % of the total surface of the packaging EuPIA Good pratics		Direct printing - washable ink at room temperature Foil stamping* – Coverage rate > 50 % of the total surface of the packaging Metallic inks – Coverage rate > 2 % of the total surface of the packaging
	Label on pack or cap	PE with a water releasable adhesive (without covering conditions) PP, OPP with a water releasable adhesive (AG18)	Paper with a water releasable adhesive Paper wrapping with a line of not water releasable adhesive PE wiht a not water releasable adhesive Plastic d>1 with a water releasable adhesive (ex. PET, PETG, PS (AG43)) PE based IML with or without EVOH	PSL Paper with a not water releasable adhesive PP, OPP with not water releasable adhesive PP based IML with or without EVOH	PVC (AG14) Other plastics d<1 Other plastics d>1 with a not water releasable adhesive Multilayers with an alu layer (ex. PP/alu) (AG45) IML with a different plastic resine than the pack body
	Label on mono or multi lid d>1	Paper with a water releasable or not adhesive Plastic d>1 (ex. PET, PETG, PS) with a water releasable or not adhesive	PP, OPP, PE with a water releasable adhesive		PP, OPP, PE with a not water releasable adhesive PVC Other plastics d<1 Multilayers wiht an alu layer (ex. PP/alu)
	Label on lid d<1 in PE, PP, EVOH, surlyn, coating ; peelable	PP, OPP, PE with a water releasable or not adhesive	Paper with a water releasable adhesive Plastice d>1 (ex. PET, PETG, PS) with a water releasable adhesive		Paper with a not water releasable adhesive Plastic d>1 (ex. PET, PETG, PS) with a not water releasable adhesive PVC Other plastics d<1 Multilayers with an alu layer (ex. PP/alu)
	Sleeve	PE without covering conditions (AG18, CSEMP0005)	PO (PP/PE blend mostly in PP)	PS PETG PET	PVC (AG14, AG12), PLA
	Adhesive (Label and bonded lid)	Water releasable at room temperature and without residue on pack			Not water releasable at room temperature
	Ink (on label, seal, cap, sleeve)	Without printing Not washable at room temperature (ex. Ink between 2 material layers or on the surface below a varnish layer) EuPIA good pratics	Foil stamping* – Coverage rate < 50 % of the total surface of the packaging Metallic inks – Coverage rate < 2 % of the total surface of the packaging		Washable at room temperature (ex. surface printing) Foil stamping* – Coverage rate > 50 % of the total surface of the packaging Metallic inks – Coverage rate > 2 % of the total surface of the packaging
Other elements	Other elements	PE element not bonded or with a water releasable adhesive	PET, PETG, PS elements not bonded or with a water releasable adhesive Steel ball or spring	Aluminium element not bonded or with a water releasable adhesive Absorbent pad with or without adhesive, water releasable or not – Coverage rate < 70% Adhesive free cardboard for blister Silicone or TPE d>1	RFID bonded element with a not water releasable adhesive PVC, PLA Thermoset plastics Foam element d<1 Absorbent pad – Coverage rate > 70%

6.8

Recyclability Table – Pots, trays and other PP rigid packaging

COTREP

		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditional	Not Compatible and/or disruptive
BODY	Material	PP		PP associated with PE	PP associated with another resin (PP/PLA, PP/PVC, PP/PS, PP/PET, PP/PETG, etc.) PP associated with a non-plastic material (wood ^(AG57) , ceramic ...)
	Colour (in blend)	Colourless and all colours			Not detectable black colorant in external layer
	Barrier		EVOH with tielayer ^{AG53} Kapseal ^{AT1601} Black carbon as an internal layer Coating SiOx, AlOx		Other barriers and resins (multilayers, blends)
	Additive and density		Expanded PP d<1 (gas, blowing agent) Silicone on surface for unstacking UV stabilizer		Mineral-filled PP (fillers and other agents) with d > 1 ^(AG50) PP mineral-filled then expanded
Closing system	Cap not sealed/bonded	PP	PE Plastic d>1	Metal ^(AG11)	Wood Other plastic d<1 Thermoset plastics
	Heat-sealed Lid		Lid d<1 in PE, PP, EVOH with tielayer, surlyn ^(AT-PEHD-14-01) coating ; peelable Mono or multi lid d>1, peelable (ex. plastic, plastic/paper, plastic/alu)	Lid d<1 in PE, PP, EVOH with tielayer, surlyn ^(AT-PEHD-14-01) coating ; not peelable Peelable aluminium lid	Mono or multi lid d<1 Mono or multi lid d>1 not peelable Not Peelable aluminium lid ^(AG11)
	Bonded lid		Lid d<1 in PE, PP, EVOH with tielayer, surlyn ^(AT-PEHD-14-01) coating ; peelable and/or with a water releasable adhesive Mono or multi d>1, peelable and/or with a water releasable adhesive (ex. plastic, plastic/paper, plastic/alu)	Lid d<1 in PE, PP, EVOH with tielayer, surlyn ^(AT-PEHD-14-01) coating ; not peelable and with not water releasable adhesive Peelable aluminium lid and/or with a water releasable adhesive	Mono or multi lid d<1 Mono or multi lid d>1 not peelable and with a not water releasable adhesive Not peelable aluminium lid and with a not water releasable adhesive
	Skin		☐ Skin d<1 in PE, PP, EVA*, EVOH with tielayer, overlyn, coating; peelable	Skin from d<1 in PE, PP, EVA, EVOH with tielayer, surlyn, coating; non-peelable Skin mono or multi d>1, peelable	Other skin PVC
	Flowpack, Stretchable film				

DESIGN	Direct printing on pack	Without printing Laser marked Production or expiry date mark	Direct printing - not washable ink at room temperature Foil stamping – Coverage rate < 50 % of the total surface of the packaging Metallic inks – Coverage rate < 2 % of the total surface of the packaging Good pratics EuPIA		Direct printing - washable ink at room temperature Foil stamping – Coverage rate > 50 % of the total surface of the packaging Metallic inks – Coverage rate > 2 % of the total surface of the packaging
	Label on pack or cap	PP, OPP with a water releasable adhesive (without covering conditions) ^(AG10) PE with a water releasable adhesive	Paper with a water releasable adhesive Paper wrapping with a line of not water releasable adhesive PP, OPP wiht a not water releasable adhesive Plastic d>1 with a water releasable adhesive (ex. PET, PETG, PS) ^(AG11) PP based IML with or without EVOH	PSL Paper with a not water releasable adhesive PE with a not water releasable adhesive PE based IML with or without EVOH	PVC ^(AG14) Other plastics d<1 Other plastics d>1 with a not water releasable adhesive Multilayer with an alu layer (ex. PP/alu) ^(AG11) IML with a different plastic resine than the pack body
	Label on Mono or multi lid d>1	Paper with a water releasable or not adhesive Plastic d>1 (ex. PET, PETG, PS) with a water releasable or not adhesive	PP, OPP, PE with a water releasable adhesive		PP, OPP, PE with a not water releasable adhesive PVC Other plastics d<1 Multilayers wiht an alu layer (ex. PP/alu)
	Label on Lid d<1 in PE, PP, EVOH with tielayer, surlyn coating ; peelable	PP, OPP, PE with a water releasable or not adhesive	Paper with a water releasable adhesive Plastic d>1 (ex. PET, PETG, PS) with a water releasable adhesive		Paper with a not water releasable adhesive Plastic d>1 (ex. PET, PETG, PS) with a not water releasable adhesive PVC Other plastics d<1 Multilayers with an alu layer (ex. PP/alu)
	Sleeve	PP without covering conditions	PO (PP/PE blend mostly in PP)	PS PETG PET	PVC, PLA
	Adhesive (Label and bonded lid)	Water releasable at room temperature and without residue on pack			Not water releasable at room temperature
	Ink (on label, seal, cap, sleeve)	Without printing Not washable at room temperature (ex. Ink between 2 material layers or on the surface below a varnish layer) Good pratics EuPIA	Foil stamping – Coverage rate < 50 % of the total surface of the packaging Metallic inks – Coverage rate < 2 % of the total surface of the packaging		Washable at room temperature (ex. surface printing) Foil stamping – Coverage rate > 50 % of the total surface of the packaging Metallic inks – Coverage rate > 2 % of the total surface of the packaging
Other elem	Other elements	PP element not bonded or with a water releasable adhesive	PET, PETG, PS elements not bonded or with a water releasable adhesive Steel ball or spring	Aluminium element not bonded or with a water releasable adhesive Absorbent pad* with or without adhesive, water releasable or not – Coverage rate < 70% Adhesive free cartboard for blister Silicone or TPE d>1	RFID bonded element with a not water releasable adhesive PVC, PLA Thermoset plastics Foam element d<1 Absorbent pad* – Coverage rate > 70%

6.9 Recyclability Table – Rigid PS packaging

		Full compatibility – Ideal	Partial compatibility – Tolerated	Limited compatibility – Conditional	Non-compatible and/or Disruptive
CORPS Body	MATERIAL	PS	PS associated with PE		Multilayered (e.g. PS/PLA, PS/PVC, PS/PET, PS/PETG, etc.) excluding PS/PE PS associated with a non-plastic material (wood, ceramics, etc.) ABS
	COLOUR (IN BLEND)	Colourless and all colours			Not detectable black colorant in external layer
	Barrier		EVOH with tielayer	PA	PVDC Other barriers and resins (multilayer, blends)
	Additive and density	PS with a density of between 1 and 1.1	PS with a density of between 0.8** and 1		PS with a density > 1.1
FERMETURE CLOSURE	CAP NOT SEALED/BONDED	PS		Metal PET PP, PE Paper ABS	Thermoset plastics PVC Wood
	Seal lid	PS, OPS seal lid	Mono- or multi-material seal lid (plastic, plastic/paper, metallised plastic, etc.); non-peelable	Mono- or multi-material seal lid (plastic, plastic/paper, metallised plastic, etc.); non-peelable Peelable aluminium seal lid	Non-peelable aluminium lid
	SKIN				PVC
	FLOWPACK, STRETCHABLE FILM				PVC
DECORS DECORATIVE ELEMENTS	DIRECT PRINTING ON PACK	No printing Laser marking Marking of the expiry date	Direct printing EuPIA Best Practices		Direct printing with metallic ink
	LABEL OR BANDEROLE (ON BODY, LID, SEAL LID)	PS, OPS (without covering conditions) PS-based IML	Partial paper Partial PP, PE	PET Paper only PP, PE only	PVC IML with another plastic resin
	Sleeve	PS, OPS without covering conditions			PVC
	INK (ON LABEL, SEAL LID, CAP, SLEEVE)	No printing EuPIA Best Practices	Other inks		Metallic ink
Autres éléments Other elements	Other elements	PS element		Absorbent pad – Coverage rate <70% Metal element	PVC Thermoset plastics RFID Absorbent pad – Coverage rate >70%

6.10 Recyclability Table – Pots, trays and other clear PET/PE rigid packaging

		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditional	Not Compatible and/or disruptive
BODY	MATERIAL	PET or copolyester ; combined with less than 5% of another resin (e.g. PET/PE, PP/PET/PE, etc.)	PET or copolyester ; combined with less than 20% of another resin (e.g. PET/PE, PP/PET/PE, etc.)	PET or copolyester ; combined with more than 20% of another resin (e.g. PET/PE, PP/PET/PE, etc.) PET or copolyester ; combined with less than 20% of a non-plastic material (cardboard, wood, ceramic, metal, etc.)	PET or copolyester ; combined with more than 20% of a non-plastic material (cardboard, wood, ceramic, metal, etc.) PVC or PET combined with PVC
	COLOUR (IN BLEND)	Transparent clear Transparent blue			Other transparent colours Opaque Metallic
	BARRIER		EVOH with tielayer	PA	PVDC Other barriers and resins (multilayers, blends)
	ADDITIVE AND DENSITY		UV stabilisers AA blockers Optical brightener Silicone on surface for unstacking		PET with additive loads or expanded
CLOSURE SYSTEM	CAP	PET ; transparent unprinted	Copolyester (e.g. PETG, PET-GAG, PET hot-fill, PCTA, PCTG) or PET combined with copolyester ; transparent unprinted PET or copolyester combined with another resin (e.g. PET/PE, etc.) ; transparent unprinted	PET ; colored or printed Copolyester (e.g. PETG, PET-GAG, PET hot-fill, PCTA, PCTG) or PET combined with copolyester ; colored or printed PET or copolyester combined with another resin (e.g. PET/PE, etc.) ; colored or printed Metals Other plastics (e.g. PP, PS)	PVC Wood Thermoset plastics
	LID/FILM	PET lid (peelable or not); transparent unprinted	Multi-layer lid containing PET (peelable or not); transparent unprinted	Other lid without PET (peelable or not) Aluminum lid (peelable or not) PET or multi-layer lid containing PET (peelable or not); colored or printed	Lid containing PVDC Thermoset plastics
	SKIN	PET skin (peelable or not); transparent unprinted	Multi-layer skin containing PET (peelable or not); transparent unprinted	Other skin without PET (peelable or not) PET or multi-layer skin containing PET (peelable or not); colored or printed	PVC Skin containing PVDC Thermoset plastics
	FLOWPACK, STRETCHABLE FILM				

DESIGN	DIRECT PRINTING ON PACK	Without printing ☒ Laser marked Production or expiry date mark		All other direct printing	
	LABEL ON BODY OR CAP OR LIDDING FILM	Partial PET	Partial PP Partial paper	Total PET Total PP Total paper	PVC
	SLEEVE	Partial PET, PETg	Partial PP, OPP, PE Partial PS	Total PET, PETg Total PP, OPP, PE Total PS	PVC
	INK (ON LABEL, LID, CAP, SLEEVE)	No printing EuPIA Best Practices	All inks		
OTHER ELEMENTS	OTHER ELEMENTS	PET ; transparent unprinted	Copolyester (e.g. PETG, PET-GAG, PET hot-fill, PCTA, PCTG) or PET combined with copolyester ; transparent unprinted PET or copolyester ; combined with another resin (e.g. PET/PE, etc.) ; transparent unprinted Absorbent pad - Coverage < 60%	Absorbent pad - Coverage > 60% Cardboard unglued for blister PET ; colored or printed Copolyester (e.g. PETG, PET-GAG, PET hot-fill, PCTA, PCTG) or PET combined with copolyester ; colored or printed PET or copolyester ; combined with another resin (e.g. PET/PE, etc.) ; colored or printed Other plastics (e.g. PP, PS) Metals	RFID PVC Thermoset plastics

Clear PET/PE rigid packaging are not yet recyclable as defined in the QCE decree. Three industrial chemical recycling projects are planned, making it possible to consider a transition to « recyclable » by 2027-2028 in France. These ecodesign recommendations reflect the best knowledge to date of these future regeneration processes

6.11 Recyclability Table – Flexible LDPE packaging items

COTREP		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditionnal	Not Compatible and/or disruptive
BODY	Material	PEBD	Other PE Oriented PE	PE associated to EVA	PE associated with other resin (PE/PET, PE/PP, etc.) PE associated with a non plastic material (wood, ceramic, etc.) Thermoset plastic Other resin : PP, PET, PLA, PBAT, PBST, starch based, etc.
	Colour (in blend)	Colourless and all colours			Not detectable black colorant in external layer
	Barrier		EVOH with tielayer* Black carbon in internal layer Metallization in internal layer*	Coating SiOx*, AlOx Water based coating PVOH type*	PA* Aluminium laminate Other barriers and resins (multilayers, blends)
	Additive and density		Expanded/foamed PE d<1 (gaz, blowing agents)		PE with additive loads that result in d>1 PE with additive loads and expanded/foamed d<1 Bio-/oxo-/photodegradables additives, nanocomposites
losing system	Caps and other (zip, ...)	PE	Plastic d>1 (except PVC)	Paper PP, OPP* Textile Metal	Other plastics d<1 Thermoset plastic Not detectable/sorting black color element d<1 (except PE) PVC
Design	Direct printing on pack	Without printing Laser marked Production or expiry date mark	Direct printing - not washable ink at room temperature Good pratics EuPIA		Direct printing - washable ink at room temperature Metallic ink
	Label on film	PE with a water releasable adhesive (without covering conditions)	Paper with a water releasable adhesive PE with a not water releasable adhesive Plastic d>1 with a water releasable adhesive (ex. PET, PETG, PS)	Paper with a not water releasable adhesive PP, OPP	PVC Other plastics d<1 Other plastics d>1 with a not water releasable adhesive Multilayer with an alu layer (ex. PE/alu)
	Adhesive (Label- and bonded lid)	Water releasable at room temperature and without residue on pack			Not water releasable at room temperature
	Ink (on label)	Without printing Not washable at room temperature (ex. Ink between 2 material layers or on the surface below a varnish layer) Good pratics EuPIA			Washable at room temperature (ex. surface printing) Metallic inks
Other elements	Other elements	PE Handle	PE valve	PP, OPP Handle Reinforcement for handle in paper PP valve	Thermoset PE handle Reinforcement for handle in PS d<1 PVC

6.12 Recyclability Table – Flexible PP and PP/PE packaging

		Full Compatibility – Ideal	Tolerated compatibility	Limited compatibility - Conditionnal	Not Compatible and/or disruptive
BODY	Material	PP PP associated to PE	PP associated to EVA		PP associated with other resin (PP/PET, etc.) PP associated with a non plastic material (wood, ceramic, paper, etc.) Thermoset plastic Other resin : PET, PLA, PVC, PS, etc.
	Colour (in blend)	Colourless and all colours			Not detectable black colorant in external layer
	Barrier		EVOH with tielayer Coating AlOx, SiOx Black carbon in internal layer Metallization in internal layer	PA Water based coating PVOH type Aluminium laminate	Other barriers and resins (multilayers, blends) PVDC
	Additive and density		PP or PP/PE with < 5% of additive loads	PP or PP/PE with 5-30% of additive loads	PP or PP/PE with > 30% of additive loads Bio-/oxo-/photodegradables additives, nanocomposites
Closing system	Caps and other (zip, ...)	PE, PP, OPP, PP/PE		Paper Silicone and TPE Metal Textile Other resin and material (PET, PS, wood, etc)	Thermoset plastic PVC
Design	Direct printing on pack	Without printing Laser marked Production or expiry date mark	Direct printing Metallic ink partial EuPIA Best Practices		Metallic ink integral
	Label on film	PP, OPP PE		Paper PET	PVC
	Ink (on label)	No printing EuPIA Best Practices	Other inks Metallic ink partial		Metallic ink integral
Other elements	Other elements	PP, OPP, PE handle PP, PE valve			PVC

PP or PP/PE flexible packaging are not yet recyclable as defined in the QCE decree. Three industrial chemical recycling projects are planned, making it possible to consider a transition to « recyclable » by the end of 2025 in France. These ecodesign recommendations reflect the best knowledge to date of these future regeneration processes



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