1. Objective

The Signify Sustainable Design process pursues a reduction of the environmental impact of its products and packaging by using responsible materials from renewable sources. This approach is governed by the Sustainability (QS-000164) and Environmental, Health and Safety (QS-000165) policies.

The Sustainable Packaging requirements document establishes sustainability requirements for businesses, packaging designers, purchasing teams, and packaging suppliers to comply with and encourages minimizing the environmental impact of packaging materials in all phases of its life cycle by adhering to the directions for a sustainable packaging design.

2. Scope

The requirements as set up in the Sustainable Packaging requirements are a global policy of Signify, even if local regulatory requirements may be less strict. The requirements are mandatory for all packaging components:

- placed on the global market,
- used for Philips branded products and spare parts,
- used for products and spare parts of other brands that are owned by or licensed to Signify,

and include:

- sales (primary) packaging i.e. packaging conceived to constitute a sales unit consisting of products and packaging to the end user at the point of sale,
- grouped (secondary) packaging i.e. packaging conceived to constitute a grouping of a certain number of sales units at the point of sale, irrespective of whether that grouping of sales units is sold as such to the end user or whether it serves as a means to facilitate the restocking of shelves at the point of sale or to create a stock-keeping or distribution unit, and which can be removed from the product without affecting its characteristics,
- transport (tertiary) packaging i.e. packaging conceived to facilitate the handling and transport of one or more sales units or a grouping of sales units, in order to prevent damage to the product from handling and transport, but which excludes road, rail, ship and air containers,
- e-commerce packaging i.e. transport-packaging used to deliver products in the context of sale online or through other means of distance sales to the end user,
- labels and stickers that are attached to another packaging item.

2.1. Out of scope

This document does not apply to the following, which are expressly excluded from its requirements:

- private labels,
- labels and stickers that are not attached to another packaging item,
- product and/or promotional materials supporting sales in the shops,
- industrial packaging of parts delivered to Signify production sites that does not end up at the final customer,
- manuals - while out of scope, opportunities for digitalization should be considered. The use of digital alternatives to hardcopy (e.g. QR codes instead of printed manuals and/or return forms) may be explored where feasible, subject to legal review and internal decision (on request).

3. Requirements

In this chapter, Signify sets out the requirements for packaging that must be fulfilled.

Waiver request conditions:

In exceptional cases, exemptions for individual products can be obtained, e.g. in case of technical/functional performance, or business critical reasons like economical. A waiver request can be applied for an internal Signify policy requirement by the Waiver Coordinator of the business, using the Signify EAC Waiver template (link) and sending the request to the EAC Board Coordinator.

Waivers cannot be requested for regulatory requirements.

3.1. Plastic-free consumer packaging

As part of our commitment to responsible packaging, plastic is not permitted in our consumer packaging.

Note: Our goal does not include adhesives used in our packaging; however, we work with our suppliers to avoid using adhesives that might leave behind microplastics.

Consumer packaging comprises the packaging that i) ends up to or may end up at consumers or in households along with products and ii) is under the control of Signify. Consumer packaging includes sales packaging for consumer products and some grouped packaging.

3.2. Recycled content percentage

The recycled content percentage requirement applies as an average percentage across the total volume of packaging materials supplied to Signify by each supplier.

3.2.1. Paper, cardboard and paper pulp

Where the required recycled content is not feasible, or recycled materials are not available or are available only in limited quantities, materials from certified renewable sources (e.g., FSC, SFI, PEFC) shall be used. A waiver is not required in this case.

Paper, cardboard and paper pulp
avg. min. 80%

3.2.2. Plastics

Recycled content in plastic packaging is calculated as the total of Post-Industrial Recycled (PIR) and Post-Consumer Recycled (PCR) materials. However, in Europe, only recycled content recovered from PCR plastic waste shall count toward the minimum recycled content requirement, as mandated by applicable laws.

Compostable plastics are exempt from the requirement.

Sales in	2026		2028	2030
	PET	**Other**		
Europe	avg. min. 30%	prepare for 2028	avg. min. 20% PCR	avg. min. 35% PCR
Rest of the World*	avg. min. 10%	prepare for 2028	avg. min. 20%	avg. min. 30%

Developments in the regions may impact future targets.

3.3. Additional

Furthermore, there are other requirements which must be fulfilled:

- Adhere to all applicable mandatory local packaging regulations,
- Signify Regulated Substances List (RSL) - compliance to be declared in BOMcheck.

We request suppliers to regularly check the Signify Sustainability website in the downloads section to remain informed about the latest changes in policy obligations.

4. Design directions

Signify wants to develop and use packaging as environmentally friendly as possible. Over the years, we have taken multiple steps to reduce the environmental impact, e.g. by reducing weight and volume of packaging and using multipacks. The journey continues and we want to encourage the organization to look for further improvements, based on the following directions for a sustainable packaging design, which are mentioned in order of importance:

- **Reduction (Minimization)** - minimize the amount of material considering weight, volume, and form factors for container loading, while offering sufficient product protection that meets Signify testing standards. Ensure that the empty space is reduced to the minimum necessary.
- **Recycled content** - try to achieve the highest technically feasible recycled content percentage to close the material loop, without compromising the technical performance and protection.
- **Reusability** - consider the use of reusable transport packaging that is designed and intended to be used multiple times for the same purpose.
- **Recyclability** - maximize recyclability to close the material loop by prioritizing the use of materials, formats, and components that are compatible with established recycling streams and can be effectively collected, sorted, and reprocessed. Use mono-materials wherever feasible; when multiple materials are necessary, ensure they can be easily separated.
- **Carbon footprint reduction** - the 4Rs (Reduction, Recycled content, Reusability, Recyclability) remain the primary focus for sustainable packaging design; however, where feasible, avoid emission-intensive materials and consider carbon footprint as a complementary factor to reduce overall environmental impact, without compromising technical performance or protection.

5. Responsibilities

The structure of responsibilities regarding this document is as follows.

Description of Responsibility	Responsible
Create and update Sustainable Packaging requirements.	PCC, Sustainability
Obtain individual businesses' confirmation on Sustainable Packaging requirements.	Sustainability
Publish Sustainable Packaging requirements (QS).	PCC, Sustainability
Deploy Sustainable Packaging requirements to the internal stakeholders within Signify.	Sustainability

Implement Sustainable Packaging requirements for individual businesses.	Business Leader, Sustainability Champion
Deploy Sustainable Packaging requirements to the external stakeholders: • Signify's managed packaging suppliers • Outsourcing partners • Not Signify's managed packaging suppliers • Joint ventures • Service providers	• Strategic Sourcing - Packaging • Supplier sustainability • Outsourcing partners • Supplier sustainability • F&D
Fulfill Sustainable Packaging requirements when designing or ordering packaging.	All involved: Businesses, PCC, Procurement, All packaging suppliers, Outsourcing partners, Joint ventures, Service providers
In case of not being able to follow requirements, prepare a waiver request.	Waiver Coordinator
Review and decide on packaging related waiver requests.	EAC Board
Provide the data (e.g. recycled content %, sustainable sourcing certification) on Signify's request.	All involved: All packaging suppliers, Outsourcing partners, Joint ventures, Service providers
Ensure the necessary data from suppliers is obtained.	Supplier Sustainability
Know status and progress in relation to Sustainable Packaging requirements via reporting.	Businesses

6. Terms and abbreviations

EAC	Environmental Authorization Committee	PCR	Post-Consumer Recycled
FSC	Forest Stewardship Council	RSL	Regulated Substances List
SFI	Sustainable Forestry Initiative	4Rs	Reduction, Recyclability, Recycled content, Reusability
PEFC	Program for the Endorsement of Forest Certification	PCC	Packaging Competence Center
PIR	Post-Industrial Recycled	F&D	Forwarding & Distribution

7. Revision history

Date	Author	V.	Short explanation

01-03-2026	T.B.L.W. Marinelli	8	• Update the requirements, incorporating the upcoming Packaging & Packaging Waste Regulation (PPWR)
			   ○ Clearer requirements
			   ○ Scope improvement
			• Reviewing and aligning the responsibilities (*see table*)
			• Emphasizing the importance of Packaging data

21-05-2024	T.B.L.W. Marinelli	7.1	• Adjustment document name "Signify Sustainable Packaging requirements"
15-05-2024	T.B.L.W. Marinelli	7	• Expand the document with innovative packaging directions, • Update the requirements, • Add the obligation to collect and store key packaging data
15-03-2021	T.B.L.W. Marinelli	6	• Change in document structure, move important requirements from Annexes to main content, • Update of the recycled paper and plastic criteria • Annex 3 became Annex 1
27-02-2020	T.B.L.W. Marinelli	5	• Change document type from Policy to Procedure, • Consequently, change in QS code to QS-014359
25-07-2019	T.B.L.W. Marinelli	4	• Update of the Policy at end of validity period, new QS code QS-000168 • Adding bleaching process requirements
22-10-2017	L.U.E. Konings QS-Exc4-012	3	• Signify version with adapted targets from January 2018 onwards
27-09-2013	T.B.L.W. Marinelli	2	• Update of the Philips Packaging Policy
08-02-2013	J.W. Scheijgrond	1	• Introduction of the Packaging policy