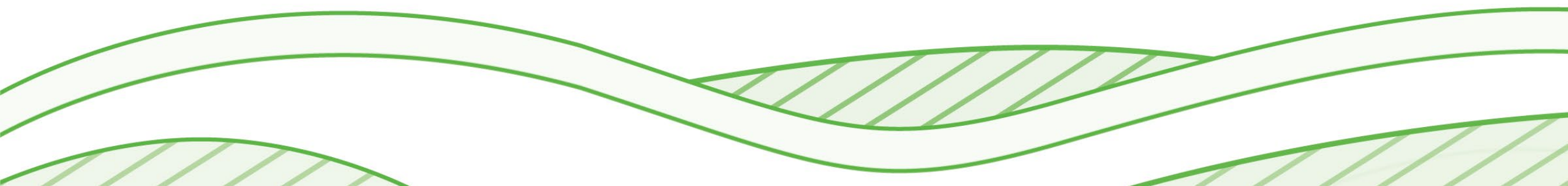


GUIDELINES FOR REPORTING YOUR WALMART PRIVATE BRAND PACKAGING DATA

2021 Sustainability Reporting Cycle



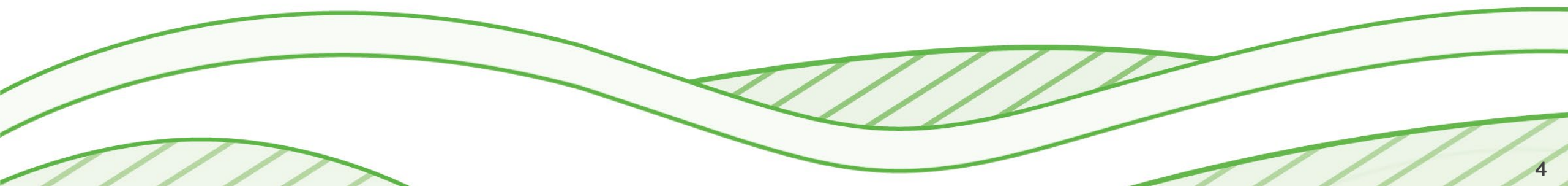
PURPOSE OF THIS DOCUMENT

This guidance document is intended to be used for reference purposes to help guide suppliers through the process of completing the updated Walmart private brand packaging survey only and is not intended to provide any legal advice concerning packaging or other compliance related requirements.

TABLE OF CONTENTS

- [Survey overview \(p. 4\)](#)
- [New changes to improve reporting & measure progress \(p. 12\)](#)
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- [Is your packaging designed for optimizing and advancing recyclability? \(p. 38\)](#)
- [How recyclability is determined \(p. 51\)](#)
- [Frequently asked questions and other resources \(p. 55\)](#)
- [How auto-calculations are made for packaging where a system of recycling exists in practice and at scale \(p. 58\)](#)

SURVEY OVERVIEW



OUR ASPIRATION: ZERO PLASTIC WASTE

We are globally pursuing a three-pronged strategy to address plastics in our value chain:

Use less plastic

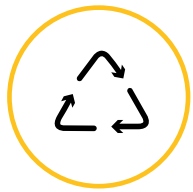
Find viable alternatives to plastic and work with suppliers in seeking to reduce or eliminate plastic packaging where possible.

Recycle more

Where packaging is needed, work with suppliers to encourage use of packaging that is 100% recyclable and to increase the recycled content of the packaging.

Support improvements to the plastic waste reduction system

Engage with innovators to help support development of environmentally preferable options to plastics and promote reuse and expand recycling capabilities



GLOBAL SUSTAINABLE PACKAGING GOALS

For Private Brands, Encouraged for National Brands



**USE LESS
PLASTIC**

**Remove unnecessary
packaging**



**MAKE IT
RECYCLABLE**

**17% recycled content
globally**



LABEL IT

**100% Packaging
recyclable, reusable,
or industrially
compostable**

**100% Packaging
labeled for
recyclability**

U.S. AND CANADA - ONLY

INNOVATE TOGETHER



Project Gigaton

3,100+ suppliers signed on

416+ MMT emissions avoided

New

New

Energy

Renewable Energy
Energy Efficiency

Nature

Regenerative Agriculture
Forestry
+ Commodity Questions

Waste

Food, Solid Waste Reduction
Recycling, Composting

Packaging

Recycled Content
Recyclability
Reduction

Transportation

Optimized Shipping
Zero emission vehicles

Product Use & Design

Design Optimization
Sustainable Sourcing

Major Contributors



THIS YEAR WE WILL CONTINUE TO MEASURE AGAINST OUR SUSTAINABLE PACKAGING GOALS

Reporting Metrics

% of PB packaging that is reusable, recyclable, or industrially compostable (by weight)

% Recyclability of PB plastic packaging (by weight)

% Recycled Content in PB plastic packaging (by weight)

Use of problematic plastics (PVC, EPS)

Weight of PB plastic packaging

% PB sales using How2Recycle (US, Canada only)

SCOPE OF REPORTING = PRIVATE BRAND PRIMARY PACKAGING

What is primary packaging:

- Packaging that goes home with the customer

Box +
inner
bag



Bottles
+ plastic
film



What is NOT primary packaging:

- Products (napkins, cups, plates, cutlery)
- Ecommerce/shipping packaging
- Shelf/retail ready packaging
- PDQ trays
- Small hang tags (<2.5")
- Stickers
- Hangers



No PDQ,
SRP
packaging

No
shipping
boxes






2021 SUSTAINABILITY REPORTING PERIOD

Timeline

September 13 - November 5

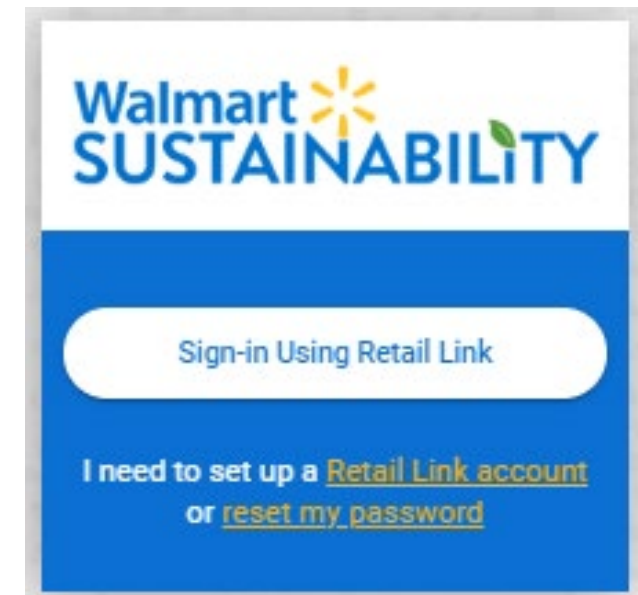
The opportunity to report is only **once** a year!

Programs

	GOAL Avoid 1 billion metric tons of emissions	All Suppliers	
	PURPOSE Identify category Sustainability hot spots and measure supplier performance against environmental and social hot spots		
	GOAL 100% recyclable private brand packaging by 2025		Private Brand Suppliers
	GOAL 100% certified deforestation free private brand products by 2020 (palm oil, pulp and paper)		U.S. & Canada Textile Suppliers
	GOAL 100% more sustainable cotton and 50% recycled poly for PB apparel and home textiles		

ACCESS SURVEYS ON WALMART SUSTAINABILITY PORTAL:

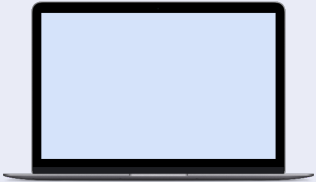
<https://www.walmartsustainabilityhub.com/walmart-sustainability/join-us>



- Create or login to your company's [Sustainability Portal](#) account
- View additional [Trainings & Webinars](#) on Walmart Sustainability Hub website

ALL PRIVATE BRAND SUPPLIERS ARE ASKED TO COMPLETE THE PACKAGING SURVEY

- **Company level**
- Aggregated data
- Surveys and tools available at:





- **Walmartsustainabilityhub.com**
(for suppliers)
- **Wmlink/sustainability**
(for associates)

Survey Dashboard Programs English

Selected packaging use: **Liquid Drinks**


PACKAGING FORMAT [Edit](#)


Bottle/Jug 





















BOTTLE/JUG Material type 

Regarding the above packaging format, please select the types of materials used.

PET HDPE PVC LDPE
 LLDPE PP PS EPS
 Other plastic (PETG, ... Glass Other non-plastic

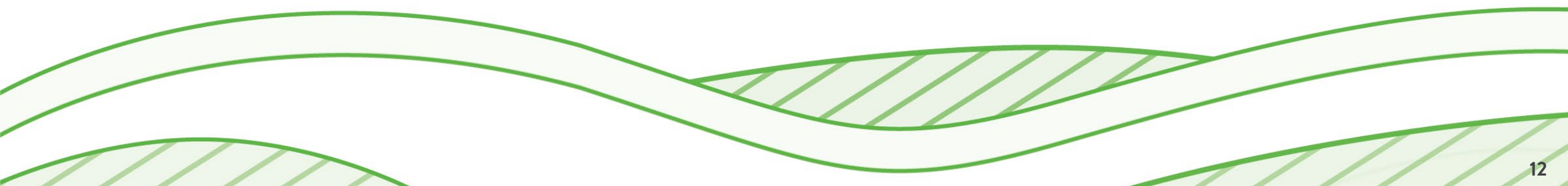
BOTTLE/JUG Data entry 

Watch [this video](#) and then enter data for each packaging format selected above 

Packaging Material 	Number of units 	Weight of ALL primary packaging (mt) 	Weight of packaging designed for optimizing and advancing recycling (mt). 	Weight of packaging where a system of recycling exists in practice and at scale (mt) 	Weight of packaging that is certified compostable (mt) 	Post-consumer recycled content weight (mt) 	Bio-Based weight (mt) 
PET	<input type="text" value="Enter value"/> 	<input type="text" value="Enter value"/> mt 	<input type="text" value="Enter value"/> mt 	0 mt	<input type="text" value="Enter value"/> mt 	<input type="text" value="Enter value"/> mt 	<input type="text" value="Enter value"/> mt 
HDPE	<input type="text" value="Enter value"/> 	<input type="text" value="Enter value"/> mt 	<input type="text" value="Enter value"/> mt 	0 mt	<input type="text" value="Enter value"/> mt 	<input type="text" value="Enter value"/> mt 	<input type="text" value="Enter value"/> mt 

Save & Continue

NEW CHANGES TO IMPROVE REPORTING & MEASURE PROGRESS



PRIVATE BRANDS PACKAGING SECTION

**NEW
DESIGN!**

View 2021 Survey Setting



Walmart Sustainability Survey

Due: August 30, 2021

Continue

Welcome

Here are the initiatives applicable to your business.

Your sustainability initiatives

1. Forest

0% Completed

5 Countries



Get started

2. Packaging

0% Completed

5 Countries



Get started

3. Textile

0% Completed

2 Countries



Get started

4. Gigaton

100% Completed

ACHIEVEMENTS



Review



If you're missing something, please update your [vendor numbers](#) in your profile.

EXPANDED PACKAGING USE

Select all packaging use categories for which your primary

Select a “packaging use” category for each type of packaging for which you will be reporting.

Click on the question mark icons (tool tips) to view descriptions of the types of products found in each “packaging use” category.

Food

- Liquid Drinks ?
- Fresh Food ?
- Stable Food ?
- Frozen Food ?
- Deli ?
- Fresh Bakery ?

Consumables

- Baby: Stable Food ?
- Baby: Hardlines ?
- Baby: Softlines ?
- Baby: Care items ?
- Personal Care ?
- Pet: Wet Food ?
- Pet: Dry Food ?
- Pet: Hardlines ?
- Pet: Softlines ?
- Pet: Care Items ?
- Beauty ?
- Health and Wellness ?
- Household Essentials ?

General Merchandise

- Hardlines: Lawn and Garden ?
- Hardlines: Sporting Goods ?
- Hardlines: Automotive ?
- Hardlines: DIY/ Paint ?
- Hardlines: Hardware ?
- Hardlines: Stationary ?
- Entertainment ?
- Toys ?
- Seasonal ?
- Home: Bath & Shower ?
- Home: Bedding ?
- Home: Cook & Dine ?
- Home: Home Décor ?
- Home: Arts/Crafts/Sewing ?
- Home: Furniture ?
- Home: Home Management ?
- Apparel: Jewelry & Accessories ?
- Apparel: Footwear ?
- Apparel: Clothing ?

Save & Continue



New changes to the survey are highlighted in yellow.

VALIDATION RULES

The system will flag responses for the following:

1. If number of units equals weight of all primary packaging
2. If a number over 5,000 T or 50,000 MT is entered
3. If the average weight per unit is greater than 2 lbs (0.9 kgs)

Packaging Material	Number of units	Weight of ALL primary packaging (mt)	Weight of packaging designed for optimizing and advancing recycling (mt).	Weight of packaging where a system of recycling exists in practice and at scale (mt)	Weight of packaging that is certified compostable (mt)	Post-consumer recycled content weight (mt)	Bio-Based weight (mt)
Corrugate	80000	80000 mt	Enter value mt	0 mt	Enter value mt	Enter value mt	Enter value mt
Paperboard With Plastic							
PET plastic	2300000	2300000 mt	N/A	N/A	Enter value mt	Enter value mt	Enter value mt
Paperboard Fiber	N/A	2 mt	N/A	N/A	Enter value mt	Enter value mt	Enter value mt
Total Paperboard With Plastic	2300000	2300002.00 mt	N/A	N/A	0 mt	0 mt	0 mt

Edit department level data

Based on your responses, the number of units equals the weight of primary packaging for this material. Please check your data entry. If you do not correct this error, your data may be removed from the survey.

You've entered a very large number! Based on your responses, the weight of packaging entered is greater than 50,000 MT. Please check your data entry before proceeding.

Based on your responses, the average weight per unit calculates to be greater than 2 lbs. If this is an error, please correct your unit selection or data entry before proceeding.

Save & Continue



DEPARTMENT LEVEL PACKAGING WEIGHT

Only applicable to those supplying to the Walmart & Sam's Club U.S. markets



Walmart Sustainability Survey Dashboard Programs

BOTTLE/JUG Material type PET HDPE LLDPE PP Other plastic (PETG, ... Glass

BOTTLE/JUG Data entry

You are entering data based on the unit Metric Tons

Watch [this video](#) and then enter data for each packaging fo

Packaging Material	Number of units	Weight of ALL prim packaging (mt)
PET	1000000	100
HDPE	80000	50

Edit department level data

Corrugate - Edit department level data

Enter the breakdown of total weight by department for the packaging material listed.

Total weight

80000 mt

Dept 25 - SHOES

80000 mt

Dept 31 - ACCESSORIES

Enter value mt

Next

DEPARTMENT LEVEL HOW2RECYCLE INFORMATION

Only applicable to those supplying to the Walmart U.S., Sam's Club U.S. and Canada markets

Survey

Let us know a few more details

United States of America - Walmart

Please answer the following questions about labeling and more.

HOW2RECYCLE Sales information

Did you sell any private brand products in primary packaging?

Yes

No

 [Edit department level data](#)

FOOD SUPPLIERS Sales information

Did you sell any product in food packaging?

Yes

No

 [Edit department level data](#)

Corrugate - Edit department level data

Enter the breakdown of total weight by department for the packaging material listed.

Total weight

80000

mt

Dept 25 - SHOES

80000

mt

Dept 31 - ACCESSORIES

Enter value

mt

New department level screens for How2Recycle and Food label questions

Next

DEPARTMENT LEVEL HOW2RECYCLE VALIDATIONS

Only applicable to those supplying to the Walmart U.S., Sam's Club U.S. and Canada markets

How2Recycle SKU questions

- A SKU is a unique UPC item
- Example: a 24-count pack of water bottles is 1 SKU
- a 24-count pack of water bottles and a 6-count pack of flavored water is 2 SKUs

How2Recycle

Please enter the details for all departments.

Dept 17 - FURNITURE

What are the sales of all private brand products in packaging that went home with the customer?

100000 USD

What are the sales of all private brand products in primary packaging labeled with How2Recycle label?

100000 USD

Enter the total number of Private Brand SKUs with primary packaging for each department where you do business with Walmart or Sam's Club.



Remember, a SKU is a unique UPC item. For example, if one of the items you sell is a 24-count pack of water bottles and you sell 1 million 24-packs, that is only 1 SKU. If you sell a 24-pack of water bottles and a 6-count pack of flavored water, then you have 2 SKUs. Please review your number of SKUs and enter your accurate number of SKUs (cannot be greater than 500).

255

How2Recycle

Please enter the details for all departments.

Dept 17 - FURNITURE

What are the sales of all private brand products in packaging that went home with the customer?

100000 USD

What are the sales of all private brand products in primary packaging labeled with How2Recycle label?

100000 USD

Enter the total number of Private Brand SKUs with primary packaging for each department where you do business with Walmart or Sam's Club.



You've entered a number of 500 or greater. Remember, a SKU is a unique UPC item. For example, if one of the items you sell is a 24-count pack of water bottles and you sell 1 million 24-packs, that is only 1 SKU. If you sell a 24-pack of water bottles and a 6-count pack of flavored water, then you have 2 SKUs. Please review your number of SKUs and enter your accurate number of SKUs (cannot be greater than 500).

555

Next

UPDATED REUSE PILOTS QUESTION

Walmart Sustainability Survey

FOOD SUPPLIERS Sales information ✓ [^ Hide](#)

Did you sell any product in food packaging?

Yes No

[Edit department level data](#)

REUSE PILOTS User behavior [^ Hide](#)


Are you working on a unique refill/reuse pilot with a merchant?

Yes No

i Please select all your applicable reuse pilots option to continue.

- Refill at home:** users refill their reusable containers at home (for example, with refills delivered through a subscription service)
- Refill on the go:** users refill their reusable container away from home (for example, at an in-store dispensing system)
- Return from home:** packaging is picked up from home by a collection service (for example, by a logistics company)
- Return on the go:** users return the packaging at a store or drop-off point (for example, in a deposit return machine or a mailbox)
- B2B:** business-to-business reuse models include for instance companies reusing their own transport packaging, or industry-wide reuse systems based on interconnected operators managing a shared set of standardised, reusable packaging

[Save & Continue](#)



SURVEY & CALCULATION GUIDANCE

HOW TO PREPARE FOR THE SURVEY

FOR EACH PACKAGE, ANSWER THE FOLLOWING QUESTIONS

1

Identify Primary Packaging Types & Packaging Uses

- A. What type of packaging do you use? A box? A bottle?
 - Identify all types of packaging
- B. **What is the packaging used for?** Liquid drinks? Fresh food?
 - Identify all packaging uses
- C. What is that package made out of?
 - Identify the base material

Repeat steps for each type of package

2

Identify if your packaging is designed for optimizing and advancing recycling

- A. Is your packaging designed for optimizing and advancing recycling?
 - Refer to guidance in the Walmart Recycling Playbook to learn the materials that will make your package not recyclable
- B. Do you use recycled content?
 - Identify the recycled content in your packaging is post-consumer or post industrial

3

Do the math (MT, kg, lbs)

- A. How much does each package type weigh?
 - Sum the total volume in your selected unit of measurement (metric tonnes, kilograms, pounds)
- B. Of the total volume, calculate the weight for:
 - Packaging designed for optimizing and advancing recyclability
 - Post Consumer Recycled Content
 - Packaging certified by Biodegradable Products Institute (BPI) or equivalent for non-US markets
 - Bio-based

IDENTIFY ALL PRIMARY PACKAGING USES

Questions to Answer

What is your packaging used for?
Liquid drinks? Fresh Foods?

Example Uses



Liquid drinks



Fresh food

Example of Survey Question

Select from the following United States of America - Sam's Club

Refer to the following selections for the appropriate unit of measure and the packaging uses that are applicable to you or your business.

UNIT OF MEASURE ✓

[Show](#)

PACKAGING USES

[Hide](#)

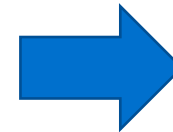
Select all packaging use categories for which your primary packaging is used. Refer to the tooltip for details on each packaging category.

Food

Liquid Drinks [?](#)

Includes all beverages (refrigerated or shelf-stable) such as dairy (milk), water, juice, tea, sports and nutrition drinks, carbonated beverages, beer, wines, spirits etc. (Excludes concentrates, dry coffee and tea mixes, etc.)

WHAT TO DO: select the boxes for the **packaging uses** for your Walmart Private Brand primary packaging. For definitions and example of each packaging use, hover over the tool tips (See example)



Food

Liquid Drinks [?](#)

Includes all beverages (refrigerated or shelf-stable) such as dairy (milk), water, juice, tea, sports and nutrition drinks, carbonated beverages, beer, wines, spirits etc. (Excludes concentrates, dry coffee and tea mixes, etc.)

IDENTIFY ALL PRIMARY PACKAGING TYPES

Questions to Answer

What type of packaging do you use? A box? A bottle?

Example Products



Example of Survey Question

Select packaging formats United States of America - Sam's Club

Please select from the following packaging formats, based on your packaging use.

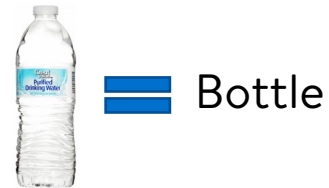
Select any packaging formats you have used for Walmart or Sam's Club Private Brand primary packaging. Use your latest or most recent 12-month period for which you have data available. If you reported last year, use the same reporting period as the initial/prior reporting year to avoid gaps or overlap with the prior year's submissions. [Liquid Drinks](#)

Bottle/Jug 
 Blister Pack 
 Tray/Clamshells/Thermoforms 
 Jars/Tubs/Cups/ Pails 
 Cans/Canisters/ Cartons 
 Bag/Film/Pouch/ Sachet 
 Foam Cushion, Dunnage, Inserts, Sleeves 
 Box 

Tubes 
 Small Packaging 
 Hang Tag/Header Cards/Backer Cards 

Save & Continue

WHAT TO DO:
select the boxes for the **packaging types** used for Walmart Private Brand primary packaging



Notes:

- Ecommerce packaging/shipping packaging are **not considered** primary packaging
- Inner packaging materials (like the plastic bag used to hold the pancake mix...or dunnage for General Merchandise packaging) **should be selected**
- The outer wrap for multipack water bottles **should be selected** as bags/films/pouches/sachet

IDENTIFY BASE MATERIALS

Questions to Answer

Identify and select the base materials of your package:

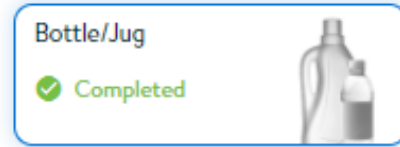
- The base material of a PET water bottle is PET
- The base material of a box is paperboard

Example Products



Example of Survey Question

PACKAGING FORMAT Edit



BOTTLE/JUG Material type

Regarding the above packaging format, please select the types of materials used.

PET

LLDPE

Other plastic (PETG, ...)

HDPE

PP

Glass

PVC

PS

Other non-plastic

LDPE

EPS

WHAT TO DO:
Identify the **base material** of the package for each packaging type



PET



HDPE

Notes:

- A package can be made out of multiple materials. The “base material” is the material that makes up the majority of the package
 - For example, a PET bottle may have a cap and label made out of another material, but the base material is PET
- If the products you produce are sold in the *same packaging type* (e.g., bottles/jugs) but are made out of a *different base material* (e.g., PET and HDPE), *please capture all the base materials used*
 - Different sizes/flavors/scents does not impact how you answer these questions

ENTER NUMBER OF UNITS

Questions to Answer

How many packaging / consumer units do you sell for each packaging format and material?

Example Products



Example of Survey Question

BOTTLE/JUG Data entry ^ Hide

Watch [this video](#) and then enter data for each packaging format selected above ?

Packaging Material ?	Number of units ?	Weight of ALL primary packaging (mt) ?	Weight of packaging designed for optimizing and advancing recycling (mt). ?	Weight of packaging where a system of recycling exists in practice and at scale (mt) ?	Weight of packaging that is certified compostable (mt) ?	Post-consumer recycled content weight (mt) ?	Bio-Based weight (mt) ?
PET ↗	100000	80 mt	Enter value mt	0 mt	Enter value mt	Enter value mt	Enter value mt
HDPE	50000	25 mt	Enter value mt	0 mt	Enter value mt	Enter value mt	Enter value mt

WHAT TO DO:
Identify the **base material** of the package for each packaging type



Notes:

- Calculate your number of packaging units per packaging format and material.
- A packaging unit is a consumer unit or selling unit (what the customer purchases).
- Example: A case of a 40 pack of bottles is **one consumer unit**.
- Example: One milk jug is **one consumer unit**

ENTER WEIGHT OF PACKAGING

Questions to Answer

What is the sum of primary packaging by material?

Example Products



Example of Survey Question

BOTTLE/JUG Data entry

Hide

Watch [this video](#) and then enter data for each packaging format selected above

Packaging Material	Number of units	Weight of ALL primary packaging (mt)	Weight of packaging designed for optimizing and advancing recycling (mt).	Weight of packaging where a system of recycling exists in practice and at scale (mt)	Weight of packaging that is certified compostable (mt)	Post-consumer recycled content weight (mt)	Bio-Based weight (mt)
PET	100000	80 mt	Enter value mt	0 mt	Enter value mt	Enter value mt	Enter value mt
HDPE	50000	25 mt	Enter value mt	0 mt	Enter value mt	Enter value mt	Enter value mt

WHAT TO DO:
Identify the **base material** of the package for each packaging type



Notes:

- Aggregate the total weight of primary packaging by material type.
- For example: If you sell PET bottles you would put the total weight of ALL PET bottles **not** the weight of just one bottle.
- Pay close attention to the unit of measurement you are using to ensure accuracy.

IDENTIFY IF YOUR PACKAGING IS DESIGNED FOR OPTIMIZING AND ADVANCING RECYCLING

Questions to Answer

Is your package designed for optimizing and advancing recycling?

Example Products



Example of Survey Question

Watch [this video](#) and then enter data for each packaging format selected above [?](#)

Packaging Material ?	Number of units ?	Weight of ALL primary packaging (mt) ?	Weight of packaging designed for optimizing and advancing recycling (mt). ?	Weight of packaging where a system of recycling exists in practice and at scale (mt) ?	Weight of packaging that is certified compostable (mt) ?	Post-consumer recycled content weight (mt) ?	Bio-Based weight (mt) ?
PET ?	<input type="text" value="100000"/>	<input type="text" value="80"/>	<input type="text" value="25"/> mt	<input type="text" value="100.00"/> mt	<input type="text" value="Enter value"/> mt	<input type="text" value="Enter value"/> mt	<input type="text" value="Enter value"/> mt
HDPE	<input type="text" value="50000"/>	<input type="text" value="25"/> mt	<input type="text" value="25"/> mt	<input type="text" value="25.00"/> mt	<input type="text" value="Enter value"/> mt	<input type="text" value="Enter value"/> mt	<input type="text" value="Enter value"/> mt



i.e., Meets the green pages or applicable yellow pages of the Recycling Playbook or has been reviewed by How2Recycle and given an overall rating of 'optimal', or 'recyclable but needs improvement'

WHAT TO DO: Determine how many of your packages meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material** **OR** (for US & Canada markets) has been reviewed by How2Recycle and given an **overall rating of optimal, or recyclable but needs improvement.**

Notes:

- If your packaging is designed for optimizing and advancing recycling, ensure you input your data. The next column, “weight of packaging where a system of recycling exists in practice and at scale” is auto-calculated based on your entry in the “weight of packaging designed for optimizing and advancing recycling” column.
- One cannot identify if a package is or isn't designed for optimizing and advancing recycling by only looking at the packaging type or the base material. Both packaging type + base material must be looked at together
 - E.g., not all bottles are designed for optimizing and advancing recycling, not all PET is designed for optimizing and advancing recycling, and not all PET bottles are designed for optimizing and advancing recycling
- Labels, adhesives, and other design elements may cause a package to be not recyclable.
- Refer to the green or applicable yellow pages in Walmart’s Recycling Playbook for more information on what

USE THE RECYCLING PLAYBOOK TO DETERMINE IF YOUR PACKAGING IS DESIGNED FOR OPTIMIZING AND ADVANCING RECYCLING (OPTION ONE)

Questions to Answer	Use the Recycling Playbook		
<p>Is your package designed for optimizing and advancing recycling?</p>			
<p>What to do</p>	<p>Optimize</p> <p>Recyclable packages</p>	<p>Change</p> <p>Packages that are not recyclable</p>	<p>Advance</p> <p>Packages that are not widely recyclable</p>
<p>Check the green pages or applicable yellow pages of the Recycling Playbook for each packaging type + base material to verify if your packaging is designed for optimizing and advancing recycling</p> <p>OR</p> <p>If you supply to the US or Canada markets, verify your packaging has been reviewed by How2Recycle and given an overall rating of optimal, or recyclable but needs improvement.</p>	<p>Small issues can be detrimental or make a package not compatible with recycling (e.g., color, labels)</p> <p>ACTION: Use this playbook to help design out elements not recyclable and detrimental to recycling</p>	<p>These may contaminate high value recycling streams or have feasible replacements</p> <p>ACTION: Switch to a recyclable package, see this playbook for ideas</p>	<p>Barriers in recycling systems at this time</p> <p>ACTION: Invest and engage in the development of a recycling, reuse, take-back, or composting solution</p>

USE THE HOW2RECYCLE MEMBER PORTAL TO DETERMINE IF YOUR PACKAGING IS DESIGNED FOR OPTIMIZING AND ADVANCING RECYCLING (OPTION TWO)*

Questions to Answer

Is your package designed for optimizing and advancing recycling?

What to do

Check the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material** to verify if your packaging is designed for optimizing and advancing recycling

OR

If you supply to the US or Canada markets, verify your packaging has been reviewed by How2Recycle and given an **overall rating of optimal, or recyclable.**

Use the How2Recycle Member Portal

Company	Product ⓘ	Category	Overall ⓘ
[Blurred]	[Blurred]	Food	Recyclable but needs improvement
[Blurred]	[Blurred]	General Merchandise	Optimally recyclable

1. Login to the [How2Recycle Member Platform](#)
2. Choose your company name from the dropdown list
3. Review your products and the **overall rating** for your packaging. If the overall rating is “**optimally recyclable**” or “**recyclable but needs improvement**”, your packaging is designed for optimizing and advancing recyclability.

**Only available to suppliers supplying products to the US and Canada markets*

REVIEW WEIGHT OF PACKAGING WHERE A SYSTEM OF RECYCLING EXISTS IN PRACTICE AND AT SCALE

Questions to Answer

Is your package designed for optimizing and advancing recycling?

Example Products



Example of Survey Question

Packaging Material	Number of units	Weight of ALL primary packaging (mt)	Weight of packaging designed for optimizing and advancing recycling (mt).	AUTO-CALCULATED Weight of packaging where a system of recycling exists in practice and at scale (mt)	Weight of packaging that is certified compostable (mt)	Post-consumer recycled content weight (mt)	Bio-Based weight (mt)
PET	100000	80 mt	80 mt	80.00 mt	Enter value mt	Enter value mt	Enter value mt
HDPE	50000	25 mt	25 mt	25.00 mt	Enter value mt	Enter value mt	Enter value mt

WHAT TO DO: Review the number that is auto-calculated here. This number is based on your data entry in “Weight of packaging designed for optimizing and advancing recycling” and

Notes:

- Walmart utilizes the Ellen MacArthur Foundation’s definition for recyclability, and ISO definitions for recycled content, compostability, and reuse for purposes of measuring progress on Walmart’s global sustainability goals
 - The definition for each packaging type + base material is geographically agnostic. Each country will use the same definition and criteria to determine if a package is or isn’t recyclable, reusable, or industrially compostable
- One cannot identify if a package is or isn’t recyclable by only looking at the packaging type or the base material. Both packaging type + base material must be looked at together
 - E.g., not all bottles are recyclable, not all PET is recyclable not all PET bottles are recyclable
- Labels, adhesives, and other design elements may cause a package to be not recyclable. Refer to Walmart’s Recycling Playbook

IDENTIFY IF YOUR PACKAGING IS CERTIFIED INDUSTRIALLY COMPOSTABLE

Questions to Answer

Is your package certified industrially compostable?

Example Products



Example of Survey Question

Watch [this video](#) and then enter data for each packaging format selected above [?]

Packaging Material [?]	Number of units [?]	Weight of ALL primary packaging (mt) [?]	Weight of packaging designed for optimizing and advancing recycling (mt). [?]	Weight of packaging where a system of recycling exists in practice and at scale (mt) [?]	Weight of packaging that is certified compostable (mt) [?] <small>(i.e., certified by Biodegradable Products Institute (BPI) or equivalent for non-US markets)</small>	Post-consumer recycled content weight (mt) [?]	Bio-Based weight (mt) [?]
PET	<input type="text" value="100000"/>	<input type="text" value="80"/> mt	<input type="text" value="80"/> mt	80.00 mt	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="Enter value"/> mt
HDPE	<input type="text" value="50000"/>	<input type="text" value="25"/> mt	<input type="text" value="25"/> mt	25.00 mt	<input type="text" value="Enter value"/> mt	<input type="text" value="Enter value"/> mt	<input type="text" value="Enter value"/> mt

WHAT TO DO: Determine how much of your packaging is certified industrially compostable (i.e., certified by Biodegradable Products Institute (BPI) or equivalent for non-US markets) for each **packaging type + base material.**

Notes:

- Only input data here if your packaging is **certified industrially compostable by BPI or equivalent for non-US markets.**
- Walmart utilizes the Ellen MacArthur Foundation's definition for recyclability, and ISO definitions for recycled content, compostability, and reuse for purposes of measuring progress on Walmart's global sustainability goals
 - The Ellen MacArthur Foundation's definition for each packaging type + base material is geographically agnostic. Each country will use the same definition and criteria to determine if a package is or isn't recyclable, reusable, or industrially compostable

IDENTIFY IF YOU USE POST-CONSUMER RECYCLED CONTENT

Questions to Answer

Do you use post-consumer recycled content?

- Identify if it is post-consumer, pre-consumer or post industrial

Example Products



Example of Survey Question

Packaging Material	Number of units	Weight of ALL primary packaging (mt)	Weight of packaging designed for optimizing and advancing recycling (mt).	Weight of packaging where a system of recycling exists in practice and at scale (mt)	Weight of packaging that is certified compostable (mt)	Post-consumer recycled content weight (mt)	Bio-Based weight (mt)
PET	100000	80 mt	80 mt	80.00 mt	Enter value	Enter value	Enter value
HDPE	50000	25 mt	25 mt	25.00 mt	Enter value	Enter value	Enter value

Post-consumer recycled content (PCR): material generated by households or by commercial, industrial and institutional facilities in their role as end users of the product which can no longer be used for its intended purpose. This includes returns of material from the distribution chain. Note: Pre-consumer recycled and post-industrial content does NOT count as PCR.

WHAT TO DO: Determine the **weight of post-consumer recycled content** used for each **packaging type+ base material**

Notes:

- Walmart utilizes the Ellen MacArthur Foundation's definition for recyclability, and ISO definitions for recycled content, compostability, and reuse for purposes of measuring progress on Walmart's global sustainability goals
 - Recyclable and recycled content are two different definitions – ensure you are using the correct one
 - Post-consumer is not the same as pre-consumer or post-industrial recycled content.
 - Only input post-consumer recycled content data**

DO THE MATH (PACKAGING WEIGHT)

Questions to Answer

How many units do you have for each packaging type?

- Sum the total units

How much does each package type weigh?

- Sum the total weight in your selected unit of measurement

Example Products



Example of Survey Question

Packaging Material	Number of units	Weight of ALL primary packaging (mt)	Weight of packaging designed for optimizing and advancing recycling (mt).	Weight of packaging where a system of recycling exists in practice and at scale (mt)	Weight of packaging that is certified compostable (mt)	Post-consumer recycled content weight (mt)	Bio-Based weight (mt)
PET	100000	80 mt	Enter value mt	0 mt	Enter value mt	Enter value mt	Enter value mt
HDPE	50000	25 mt	Enter value mt	0 mt	Enter value mt	Enter value mt	Enter value mt

WHAT TO DO:

1. Identify the TOTAL number of units* and weight of ALL primary packaging For each **packaging type + base material**

2. Enter data on ALL tabs

Notes:

*A packaging unit is a consumer unit or selling unit (what the customer purchases). Example: A case of a 40 pack of bottles is one consumer unit. One milk jug is one consumer unit.

PET BOTTLE/JUG



1 package weight = 1

Weight of ALL primary packaging = 100 MT

HDPE BOTTLE/JUG



1 package weight = 2

Total weight of packages = 300 MTs



1 package weight = 1.5

Total weight of packages = 600 MTs



Weight of ALL primary packaging = 900Y

CALCULATE THE WEIGHT FOR PACKAGING DESIGNED FOR OPTIMIZING AND ADVANCING RECYCLABILITY

Questions to Answer

How many tons of packaging are:

- Using bio-based content
- Packaging designed for optimizing and advancing recyclability
- Using post-consumer recycled content
- Certified Industrial Compostable
- Using bio-based content

Example Products




Example of Survey Question

Packaging Material	Number of units	Weight of ALL primary packaging (mt)	Weight of packaging designed for optimizing and advancing recycling (mt).	Weight of packaging where a system of recycling exists in practice and at scale (mt)	Weight of packaging that is certified compostable (mt)	Post-consumer recycled content weight (mt)	Bio-Based weight (mt)
PET	100000	80 mt	80 mt	80.00 mt	Enter value mt	Enter value mt	Enter value mt
HDPE	50000	25 mt	25 mt	25.00 mt	Enter value mt	Enter value mt	Enter value mt

WHAT TO DO: Identify the TOTAL weight of ALL packaging designed for optimizing and advancing recyclability, industrially compostable and/or using post-consumer recycled content for each **packaging type + base material**. Enter data for each tab.

PET BOTTLE/JUG

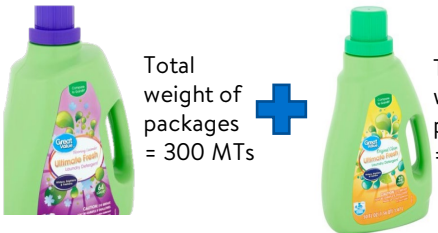


Weight of ALL primary packaging = 100 MTs

45 MTs are NOT recyclable

55 MTs ARE recyclable

HDPE BOTTLE/JUG




Total weight of packages = 300 MTs

15 MTs are NOT recyclable

85 MTs ARE recyclable

HDPE BOTTLE/JUG



Total weight of packages = 600MTs

180 MTs are NOT recyclable

420 MTs ARE recyclable

Weight of ALL primary packaging = 900MTs

15+180 = 195 MTs are NOT recyclable

85+420 = 705 MTs ARE recyclable

Notes:

- Repeat this step for each definition

FOR PRIVATE BRAND PRODUCTS SOLD IN WALMART US & WALMART CANADA ONLY- HOW2RECYCLE QUESTION

Questions to Answer

Sales of all Private Brand products in packaging that went home with the customer (i.e., primary packaging)

Example Products



Example of Survey Question

How2Recycle - Total sales

Enter department level sales information

i You must enter sales for at least one department.

What are the sales of all private brand products in packaging that went home with the customer?

Dept 25 - SHOES

Enter value USD

Dept 31 - ACCESSORIES

Enter value USD

Next

× **WHAT TO DO:** Identify the TOTAL POS for all Private Brand products. Subtract the POS for any Private Brand products that do NOT have packaging that goes home with the customer.

All Private Brand products



POS for ALL Private Brand products



\$X + \$Y + \$Z

Any Private Brand Products without Primary Packaging?



No *(If a company answers yes, please subtract the POS sales of those products that do not use primary packaging)*

Notes:

- In most cases, all Private Brand products will have primary packaging
- Examples of products without primary packaging includes, but not limited to:
 - Loose produce
 - Apparel with hand tags < 2.5 in. (6.35 cm)
 - General Merchandise product with only a sticker
- Sales of ALL private brand products = POS

FOR PRIVATE BRAND PRODUCTS SOLD IN WALMART US, WALMART CANADA, AND/OR SAM'S CLUB ONLY- HOW2RECYCLE QUESTION

Questions to Answer

Overall use of the How2Recycle label on package, as % of sales

Example Products



Example of Survey Question

How2Recycle - Sales with label

Enter department level sales information

What are the sales of all private brand products in primary packaging labeled with How2Recycle label?

Dept 25 - SHOES

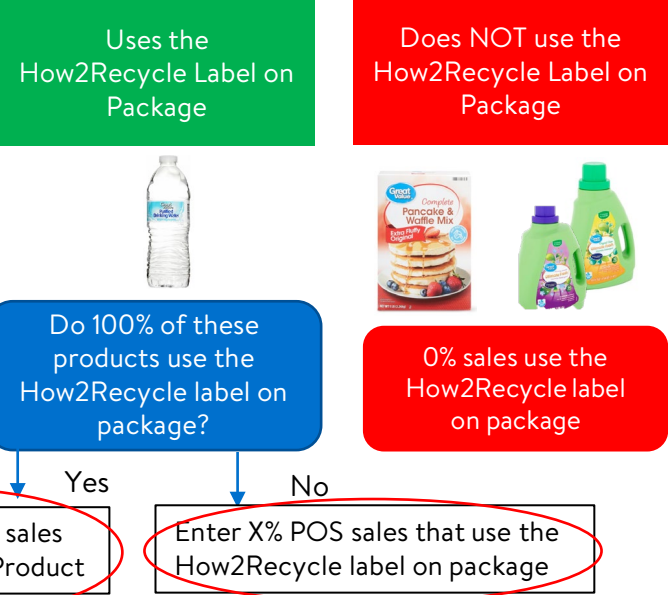
Enter value USD

Dept 31 - ACCESSORIES

Enter value USD

Previous Next

WHAT TO DO: Identify which Private Brand products have the How2Recycle label on package?



FOR PRIVATE BRAND PRODUCTS SOLD IN WALMART US, WALMART CANADA, AND/OR SAM'S CLUB ONLY- HOW2RECYCLE QUESTION

Questions to Answer

Total number of Private Brand SKUs

Total number of Private Brand SKUs with the How2Recycle label

Example Products



Example of Survey Question

How2Recycle - SKUs

Enter department level sales information

Enter the total number of Private Brand SKUs with primary packaging for each department where you do business with Walmart or Sam's Club.

Dept 25 - SHOES

Dept 31 - ACCESSORIES

How2Recycle - SKUs with label

Enter department level sales information

Enter the total number of Private Brand SKUs in primary packaging with the How2Recycle label for each department where you do business with Walmart or Sam's Club

Dept 25 - SHOES

Dept 31 - ACCESSORIES

Previous Done

WHAT TO DO: Identify the number of all Private Brand SKUs with primary packaging and enter the number.

Remember, a SKU is a unique UPC item. For example, if one of the items you sell is a 24-count pack of water bottles and you sell 1 million 24-count packs, that is only 1 SKU. If you sell a 24-count pack of water bottles and a 6-count pack of flavored water, then you have 2 SKUs.

Do **NOT** include Private Brand products that do NOT have packaging that goes home with the customer.

Identify which Private Brand SKUs with primary packaging have the How2Recycle label on package and enter the number.

Notes:

- In most cases, all Private Brand products will have primary packaging
- Examples of products without primary packaging includes, but not limited to:
 - Loose produce
 - Apparel with hang tags <2.5 in. (6.35 cm)
 - General Merchandise product with only a sticker

IS YOUR PACKAGING DESIGNED FOR OPTIMIZING AND ADVANCING RECYCLABILITY?

USE THE RECYCLING PLAYBOOK OR HOW2RECYCLE PORTAL TO DETERMINE IF YOUR PACKAGING IS DESIGNED FOR OPTIMIZING AND ADVANCING RECYCLABILITY



Optimize

Recyclable packages

Small issues can be detrimental or make a package not compatible with recycling (e.g., color, labels)

ACTION:

Use this playbook to help design out elements not recyclable and detrimental to recycling



Change

Packages that are not recyclable

These may contaminate high value recycling streams or have feasible replacements

ACTION:

Switch to a recyclable package, see this playbook for ideas



Advance

Packages that are not widely recyclable

Barriers in recycling systems at this time

ACTION:

Invest and engage in the development of a recycling, reuse, take-back, or composting solution

Check the [Recycling Playbook](#) to determine if your packaging is designed for optimizing and advancing recyclability.

Find the Recycling Playbook here:
Walmart Sustainability Hub > Resources > Support Recycling

Login to the [How2Recycle Member Platform](#) to determine if your packaging is designed for optimizing and advancing recyclability.

View your company's products to verify if your products' packaging has an **overall rating** of "optimally recyclable" or "recyclable but needs improvement."

Company	Product ⓘ	Category	Overall ⓘ
Walmart	Walmart.com	Food	Recyclable but needs improvement
Walmart	Walmart.com	General Merchandise	Optimally recyclable

GUIDANCE DOCUMENT – BAGS, FILMS, POUCHES, SACHETS

STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?

OR

a) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating** of **optimal**, or **recyclable but needs improvement**?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
BAGS, FILM, POU..	Paper	Yes, proceed to step 2
BAGS, FILM, POU..	PE Plastic (HDPE, MDPE, LDPE, LLDPE)	Yes, proceed to step 2
BAGS, FILM, POU..	PVC / PVDC	No, package is NOT designed for optimizing and advancing recyclability
BAGS, FILM, POU..	Other plastic (Nylon, PP, PLA, PET, multimerial ...)	No, package is NOT designed for optimizing and advancing recyclability
BAGS, FILM, POU..	Other non-plastic	No, package is NOT designed for optimizing and advancing recyclability

STEP TWO

Does your packaging contain any of the following?



The package is NOT designed for optimizing and advancing recyclability if it uses any of the below	
PAPER-BASED	PE BAGS & FILM
<ul style="list-style-type: none"> Color, Layers, or Additives: Plastic/polymer treatments or layers on fiber-based components, treatments that require plastic/polymers (most holograms, high gloss), wax, UV coatings, metalized films, foils, wet strength additives*, dark colors, fragrances Attachments and Adhesives: Metal, magnetic closures, electronics, RFIDs, PET, PLA, PP, PS, PVC, hot melt adhesives, stickers and adhesives* Labels: Metal foil, metalized printing, PET, PLA, PP, PS, PVC 	<ul style="list-style-type: none"> Resin: Non-PE resins mixed in Resin Color or Additives: Dark colors, PVC, PVDC, metalized layers, fillers that alter the blend density to be greater than 1.0, starch resins, or degradable additives Attachments or closures: Metal, foils, PET, PLA, PP, PS, PVC, RFIDs Labels: Metal, foil, metalized printing, paper, PET, PLA, PP, PS, PVC
*unless passes Western Michigan University testing	
Refer to the Bags, Films, and Pouches section of the Walmart Recycling Playbook to determine if your package is designed for optimizing and advancing recyclability.	



GUIDANCE DOCUMENT – BOTTLE & JUG



STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?


OR

a) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating** of **optimal**, or **recyclable but needs improvement**?

STEP TWO

Does your packaging contain any of the following?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
BOTTLE & JUG	PET	Yes, proceed to step 2
BOTTLE & JUG	HDPE	Yes, proceed to step 2
BOTTLE & JUG	PVC / PVDC	No, package is NOT designed for optimizing and advancing recyclability
BOTTLE & JUG	LDPE	Yes, proceed to step 2
BOTTLE & JUG	LLDPE	Yes, proceed to step 2
BOTTLE & JUG	PP	Yes, proceed to step 2
BOTTLE & JUG	PS	No, package is NOT designed for optimizing and advancing recyclability
BOTTLE & JUG	EPS	No, package is NOT designed for optimizing and advancing recyclability
BOTTLE & JUG	Other plastic (PETG, CPET, PC, multimaterial, or blended resins)	No, package is NOT designed for optimizing and advancing recyclability
BOTTLE & JUG	Other non-plastic	No, package is NOT designed for optimizing and advancing recyclability

The package is NOT designed for optimizing and advancing recyclability if it uses any of the below		
PET RIGIDS	HDPE & PP RIGIDS	LDPE RIGIDS
<ul style="list-style-type: none"> Opaque or non clear, transparent, light blue or green PETG bottles PVC components (including labels) Degradable additives Large labels (<i>that aren't APR approved</i>) Metal attachments 	<ul style="list-style-type: none"> PVC components (including labels) Degradable additives Large amounts of heavy fillers Large labels (<i>that aren't APR approved</i>) Metal attachments 	<ul style="list-style-type: none"> Resin Color or Additives: Dark colors, optical brighteners, degradable additives Attachments & Closures: Metal, foils, PP, PVC, floating silicone polymer, RFIDs Labels: paper, PVC, PLS, PS, metal foils, non-APR preferred labels
<p>Refer to the Bottles, Jars, Jugs, and Tubs section of the Walmart Recycling Playbook to determine if your package is designed for optimizing and advancing recyclability.</p> 		

GUIDANCE DOCUMENT – BOX

STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?

OR

a) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating** of **optimal**, or **recyclable but needs improvement**?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
BOX	Paperboard	Yes, proceed to step 2
BOX	Corrugate	Yes, proceed to step 2
BOX	Molded Pulp/Fiber	Yes, proceed to step 2
BOX	Other non-plastic	No, package is NOT designed for optimizing and advancing recyclability
BOX	EPS	No, package is NOT designed for optimizing and advancing recyclability
BOX	Paperboard with Plastic	No, package is NOT designed for optimizing and advancing recyclability
BOX	Corrugate with Plastic	No, package is NOT designed for optimizing and advancing recyclability
BOX	PVC / PVDC	No, package is NOT designed for optimizing and advancing recyclability
BOX	Other Plastic ((PET, HDPE, PP...))	No, package is NOT designed for optimizing and advancing recyclability

STEP TWO

Does your packaging contain any of the following?



The package is NOT designed for optimizing and advancing recyclability if it uses any of the below

PAPERBOARD, CORRUGATE, & MOLDED FIBER

- **Color, Layers, or Additives:** Plastic/polymer treatments or layers on fiber-based components, treatments that require plastic/polymers (most holograms, high gloss), wax, UV coatings, metalized films, foils, wet strength additives*, dark colors, fragrances
- **Attachments and Adhesives:** Metal, magnetic closures, electronics, RFIDs, PET, PLA, PP, PS, PVC, hot melt adhesives, stickers and adhesives*
- **Labels:** Metal foil, metalized printing, PET, PLA, PP, PS, PVC
- **Dunnage & Padding:** EPS and other expanded resin materials

**unless passes Western Michigan University testing*

Refer to the **Box section** of the [Walmart Recycling Playbook](#) to determine if your package is designed for optimizing and advancing recyclability.



GUIDANCE DOCUMENT – CANS, CANNISTERS, CARTONS

STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?

OR

a) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating** of **optimal**, or **recyclable but needs improvement**?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
CANS, CANNISTERS..	Metal (Aluminum, Steel, tin)	Yes, proceed to step 2
CANS, CANNISTERS..	Paper-based w/o metal	Yes, proceed to step 2
CANS, CANNISTERS..	Paper-based w/metal	No, package is NOT designed for optimizing and advancing recyclability

STEP TWO

Does your packaging contain any of the following?



The package is NOT designed for optimizing and advancing recyclability if it uses any of the below

METAL CONTAINERS

- **Attachments & Closures:** Plastic, stickers
- **Labels:** Stickers, full body plastic sleeves

PAPER-BASED PACKAGING

- **Color, Layers, or Additives:** Plastic/polymer treatments or layers on fiber-based components, treatments that require plastic/polymers (most holograms, high gloss), wax, UV coatings, metalized films, foils, wet strength additives*, dark colors, fragrances
- **Attachments and Adhesives:** Metal, magnetic closures, electronics, RFIDs, PET, PLA, PP, PS, PVC, hot melt adhesives, stickers and adhesives*
- **Labels:** Metal foil, metalized printing, PET, PLA, PP, PS, PVC
- **Dunnage & Padding:** EPS and other expanded resin materials

*unless passes Western Michigan University testing

Refer to the **Canisters and Cartons** and **Cans** sections of the [Walmart Recycling Playbook](#) to determine if your package is designed for optimizing and advancing recyclability.



GUIDANCE DOCUMENT – FOAM CUSHION, DUNNAGE, INSERTS

STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?

OR

b) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating** of **optimal**, or **recyclable but needs improvement**?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
FOAM CUSHION..	PE film/pillow	Yes, proceed to step 2
FOAM CUSHION..	EPE	No, package is NOT designed for optimizing and advancing recyclability
FOAM CUSHION..	EPP	No, package is NOT designed for optimizing and advancing recyclability
FOAM CUSHION..	Other plastic film/pillow	No, package is NOT designed for optimizing and advancing recyclability
FOAM CUSHION..	Expanded Polystyrene (EPS)	No, package is NOT designed for optimizing and advancing recyclability
FOAM CUSHION..	Molded Pulp/Fiber	Yes, proceed to step 2
FOAM CUSHION..	Corrugate	Yes, proceed to step 2
FOAM CUSHION..	Paperboard	Yes, proceed to step 2
FOAM CUSHION..	Other non-plastic	No, package is NOT designed for optimizing and advancing recyclability

STEP TWO

Does your packaging contain any of the following?



The package is NOT designed for optimizing and advancing recyclability if it uses any of the below

PE FILM	FIBER-BASED
<ul style="list-style-type: none"> Resin: Non-PE resins mixed in Resin Color or Additives: Dark colors, PVC, PVDC, metalized layers, fillers that alter the blend density to be greater than 1.0, starch resins, or degradable additives Attachments or closures: Metal, foils, PET, PLA, PP, PS, PVC, RFIDs Labels: Metal, foil, metalized printing, paper, PET, PLA, PP, PS, PVC 	<ul style="list-style-type: none"> Color, Layers, or Additives: Plastic/polymer treatments or layers on fiber-based components, treatments that require plastic/polymers (most holograms, high gloss), wax, UV coatings, metalized films, foils, wet strength additives*, dark colors, fragrances Attachments and Adhesives: Metal, magnetic closures, electronics, RFIDs, PET, PLA, PP, PS, PVC, hot melt adhesives, stickers and adhesives* Labels: Metal foil, metalized printing, PET, PLA, PP, PS, PVC Dunnage & Padding: EPS and other expanded resin materials <p><small>*unless passes Western Michigan University testing</small></p>

Refer to the **Cushion, Dunnage, & Inserts sections of the [Walmart Recycling Playbook](#)** to determine if your package is designed for optimizing and advancing recyclability.



GUIDANCE DOCUMENT – TRAY, CLAMSHELL, THERMOFORM

STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?

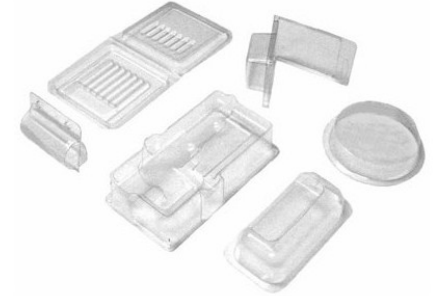
OR

b) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating of optimal, or recyclable but needs improvement?**

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
TRAY, CLAMSH...	Paperboard	Yes, proceed to step 2
TRAY, CLAMSH...	Molded Fiber	Yes, proceed to step 2
TRAY, CLAMSH...	PET	Yes, proceed to step 2
TRAY, CLAMSH...	HDPE	Yes, proceed to step 2
TRAY, CLAMSH...	PVC / PVDC	No, package is NOT designed for optimizing and advancing recyclability
TRAY, CLAMSH...	LDPE	No, package is NOT designed for optimizing and advancing recyclability
TRAY, CLAMSH...	LLDPE	No, package is NOT designed for optimizing and advancing recyclability
TRAY, CLAMSH...	PP	Yes, proceed to step 2
TRAY, CLAMSH...	PS	No, package is NOT designed for optimizing and advancing recyclability
TRAY, CLAMSH...	EPS	No, package is NOT designed for optimizing and advancing recyclability
TRAY, CLAMSH...	Other plastic (PETG, CPET, PC, multimaterial, or blended resins)	No, package is NOT designed for optimizing and advancing recyclability
TRAY, CLAMSH...	Aluminum	No, package is NOT designed for optimizing and advancing recyclability

STEP TWO

Does your packaging contain any of the following?



The package is NOT designed for optimizing and advancing recyclability if it uses any of the below		
PAPER BASED	PET RIGIDS	HDPE & PP RIGIDS
<ul style="list-style-type: none"> • Metal • Magnetic closures • Radio-frequency identification • Double sided plastic/polymer/resin coatings 	<ul style="list-style-type: none"> • Opaque or non clear, transparent, light blue or green • PETG bottles • PVC components (including labels) • Degradable additives • Large labels (<i>that aren't APR approved</i>) • Metal attachments 	<ul style="list-style-type: none"> • PVC components (including labels) • Degradable additives • Large amounts of heavy fillers • Large labels (<i>that aren't APR approved</i>) • Metal attachments
<p>Refer to the Trays, Clamshells, & Thermoforms section of the Walmart Recycling Playbook to determine if your package is designed for optimizing and advancing recyclability.</p>		



GUIDANCE DOCUMENT – JARS, TUBS, CUPS, PAILS

STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?

OR

b) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating** of **optimal**, or **recyclable but needs improvement**?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
JARS, TUBS, CUPS,	PET	Yes ,Proceed to step 2
JARS, TUBS, CUPS,	HDPE	Yes ,Proceed to step 2
JARS, TUBS, CUPS,	PVC	No, package is NOT designed for optimizing and advancing recyclability
JARS, TUBS, CUPS,	LDPE	Yes ,Proceed to step 2
JARS, TUBS, CUPS,	LLDPE	Yes ,Proceed to step 2
JARS, TUBS, CUPS,	PP	Yes ,Proceed to step 2
JARS, TUBS, CUPS,	PS	No, package is NOT designed for optimizing and advancing recyclability
JARS, TUBS, CUPS,	EPS	No, package is NOT designed for optimizing and advancing recyclability
JARS, TUBS, CUPS,	Other plastic (PETG, PC, multimaterial, blended resins)	No, package is NOT designed for optimizing and advancing recyclability is NOT recyclable
JARS, TUBS, CUPS,	Glass	Yes, Proceed to Step 2

STEP TWO

Does your packaging contain any of the following?



The package is NOT designed for optimizing and advancing recyclability if it uses any of the below

PET RIGIDS	HDPE & PP RIGIDS	LDPE RIGIDS
<ul style="list-style-type: none"> • Opaque or non clear, transparent, light blue or green • PETG bottles • PVC components (including labels) • Degradable additives • Large labels (that aren't APR approved) • Metal attachments 	<ul style="list-style-type: none"> • PVC components (including labels) • Degradable additives • Large amounts of heavy fillers • Large labels (that aren't APR approved) • Metal attachments 	<ul style="list-style-type: none"> • Resin Color or Additives: Dark colors, optical brighteners, degradable additives • Attachments & Closures: Metal, foils, PP, PVC, floating silicone polymer, RFIDs • Labels: paper, PVC, PLS, PS, metal foils, non-APR preferred labels
<p>Refer to the Bottles, Jars, Jugs, and Tubs section of the Walmart Recycling Playbook to determine if your package is designed for optimizing and advancing recyclability.</p>		



GUIDANCE DOCUMENT – HANG TAGS, BACKER CARDS, HEADER CARDS



STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?

OR

b) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating** of **optimal**, or **recyclable but needs improvement**?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
HANG TAGS, BACKER	Paperboard	Yes, proceed to step 2
HANG TAGS, BACKER	Paper	Yes, proceed to step 2
HANG TAGS, BACKER	Corrugate	Yes, proceed to step 2
HANG TAGS, BACKER	PE Plastic (HDPE, MDPE, LDPE, LLDPE)	No, package is NOT designed for optimizing and advancing recyclability
HANG TAGS, BACKER	PVC / PVDC	No, package is NOT designed for optimizing and advancing recyclability
HANG TAGS, BACKER	Other plastic	No, package is NOT designed for optimizing and advancing recyclability
HANG TAGS, BACKER	paperboard with plastic	No, package is NOT designed for optimizing and advancing recyclability
HANG TAGS, BACKER	corrugate with plastic	No, package is NOT designed for optimizing and advancing recyclability

STEP TWO

Does your packaging contain any of the following?

The package is NOT designed for optimizing and advancing recyclability if it uses any of the below

PAPER BASED

- <2.5 inches
- **Color, Layers, or Additives:** Plastic/polymer treatments or layers on fiber-based components, treatments that require plastic/polymers (most holograms, high gloss), wax, UV coatings, metalized films, foils, wet strength additives*, dark colors, fragrances
- **Attachments and Adhesives:** Metal, magnetic closures, electronics, RFIDs, PET, PLA, PP, PS, PVC, hot melt adhesives, stickers and adhesives*
- **Labels:** Metal foil, metalized printing, PET, PLA, PP, PS, PVC
- **Dunnage & Padding:** EPS and other expanded resin materials

*unless passes Western Michigan University testing

Refer to the **Box section** of the [Walmart Recycling Playbook](#) to determine if your package is designed for optimizing and advancing recyclability.



GUIDANCE DOCUMENT – BLISTER PACK

STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?

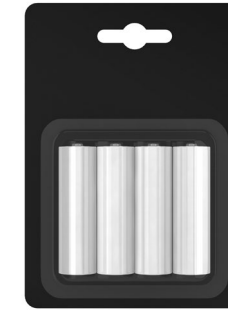
OR

b) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating** of **optimal**, or **recyclable but needs improvement**?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
BLISTER PACK	PET plastic and fiber	No, package is NOT designed for optimizing and advancing recyclability
BLISTER PACK	PVC plastic and fiber	No, package is NOT designed for optimizing and advancing recyclability
BLISTER PACK	PE plastic and fiber	No, package is NOT designed for optimizing and advancing recyclability
BLISTER PACK	Other	No, package is NOT designed for optimizing and advancing recyclability

STEP TWO

Does your packaging contain any of the following?



At this time, no packaging meets Step 1. Therefore, there is no need to answer Step 2.

Guidance - Change to:

- A different format with a single material {e.g., paperboard box, PE bag}
- A similar format with materials that are easily separated and recyclable on their own {e.g., PET clamshell or tray with paper insert), or use the acceptable attachments noted in this playbook
- Avoid materials that are detrimental to plastic recycling {e.g., PVC, PETG, foils), including adhesives that remain on the plastic that are not compatible with recycling

Refer to the **Other Packages: Blister Packs** section of the [Walmart Recycling Playbook](#) to determine if your package is designed for optimizing and advancing recyclability.



GUIDANCE DOCUMENT – TUBES

STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?

OR

b) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating** of **optimal, or recyclable but needs improvement**?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
TUBES	PVC / PVDC	No, package is NOT designed for optimizing and advancing recyclability
TUBES	HDPE	Yes ,Proceed to step 2
TUBES	Other plastic	No, package is NOT designed for optimizing and advancing recyclability
TUBES	Aluminum	No, package is NOT designed for optimizing and advancing recyclability

STEP TWO

Does your packaging contain any of the following?



The package is NOT designed for optimizing and advancing recyclability if it uses any of the below.

- Multimaterial
- <2” in more than one dimension

Guidance: Work to advance innovation of recyclable packaging or the development of an appropriate circular economy solution.

Develop package to be recycled in HDPE bottle or other stream

- Use a single plastic material with a recycling stream (e.g., HDPE)
- Colgate Palmolive announced in 2019 that it has a toothpaste tube that is recognized by the Association of Plastic Recyclers (APR) for recyclability, using an HDPE design
- For plastic, use coatings and additives proven to be compatible with recycling to add necessary functionality \
- Consider a different package material and format that is recyclable (e.g., paperboard box, PE bag)

Refer to the **Other Packages: Plastic Tubes with Multiple Materials** section of the [Walmart Recycling Playbook](#) to determine if your package is designed for optimizing and advancing recyclability.



GUIDANCE DOCUMENT – SMALL PACKAGING

STEP ONE

a) Does your packaging meet the green pages or applicable yellow pages of the [Recycling Playbook](#) for each **packaging type + base material**?

OR

b) If you supply to the US or Canada markets, has your packaging been reviewed by [How2Recycle](#) and given an **overall rating** of **optimal**, or **recyclable but needs**

STEP TWO

Does your packaging contain any of the following?



PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
SMALL PACKAGING	PET	Yes ,Proceed to step 2
SMALL PACKAGING	HDPE	Yes ,Proceed to step 2
SMALL PACKAGING	PVC / PVDC	No, package is NOT designed for optimizing and advancing recyclability
SMALL PACKAGING	LDPE	Yes ,Proceed to step 2
SMALL PACKAGING	LLDPE	Yes ,Proceed to step 2
SMALL PACKAGING	PP	Yes ,Proceed to step 2
SMALL PACKAGING	PS	No, package is NOT designed for optimizing and advancing recyclability
SMALL PACKAGING	EPS	No, package is NOT designed for optimizing and advancing recyclability
SMALL PACKAGING	Other plastic (PETG, CPET, PC, multimaterial, or blended resins)	No, package is NOT designed for optimizing and advancing recyclability
SMALL PACKAGING	Glass	Yes ,Proceed to step 2
SMALL PACKAGING	Other non-plastic	No, package is NOT designed for optimizing and advancing recyclability
SMALL PACKAGING	Molded Pulp/Fiber	Yes ,Proceed to step 2
SMALL PACKAGING	Corrugate	Yes ,Proceed to step 2
SMALL PACKAGING	Paperboard	Yes ,Proceed to step 2

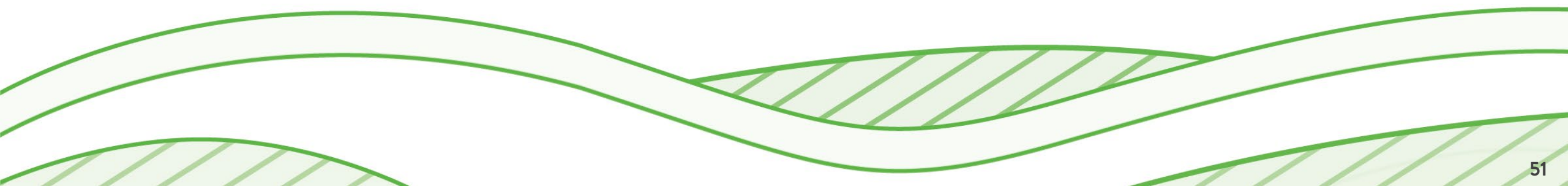
The package is NOT designed for optimizing and advancing recyclability if it uses any of the below

PAPERBASED	PET RIGIDS	HDPE & PP RIGIDS	LDPE RIGIDS
<ul style="list-style-type: none"> • Metal • Magnetic closures • Radio-frequency identification • Double sided plastic/polymer/resin coatings 	<ul style="list-style-type: none"> • Opaque or non clear, transparent, light blue or green • PETG bottles • PVC components (including labels) • Degradable additives • Large labels (that aren't APR approved) • Metal attachments 	<ul style="list-style-type: none"> • PVC components (including labels) • Degradable additives • Large amounts of heavy fillers • Large labels (that aren't APR approved) • Metal attachments 	<ul style="list-style-type: none"> • Resin Color or Additives: Dark colors, optical brighteners, degradable additives • Attachments & Closures: Metal, foils, PP, PVC, floating silicone polymer, RFIDs • Labels: paper, PVC, PLS, PS, metal foils, non-APR preferred labels

Refer to the **Trays, Clamshells, & Thermoforms** section of the [Walmart Recycling Playbook](#) to determine if your package is designed for optimizing and advancing recyclability.



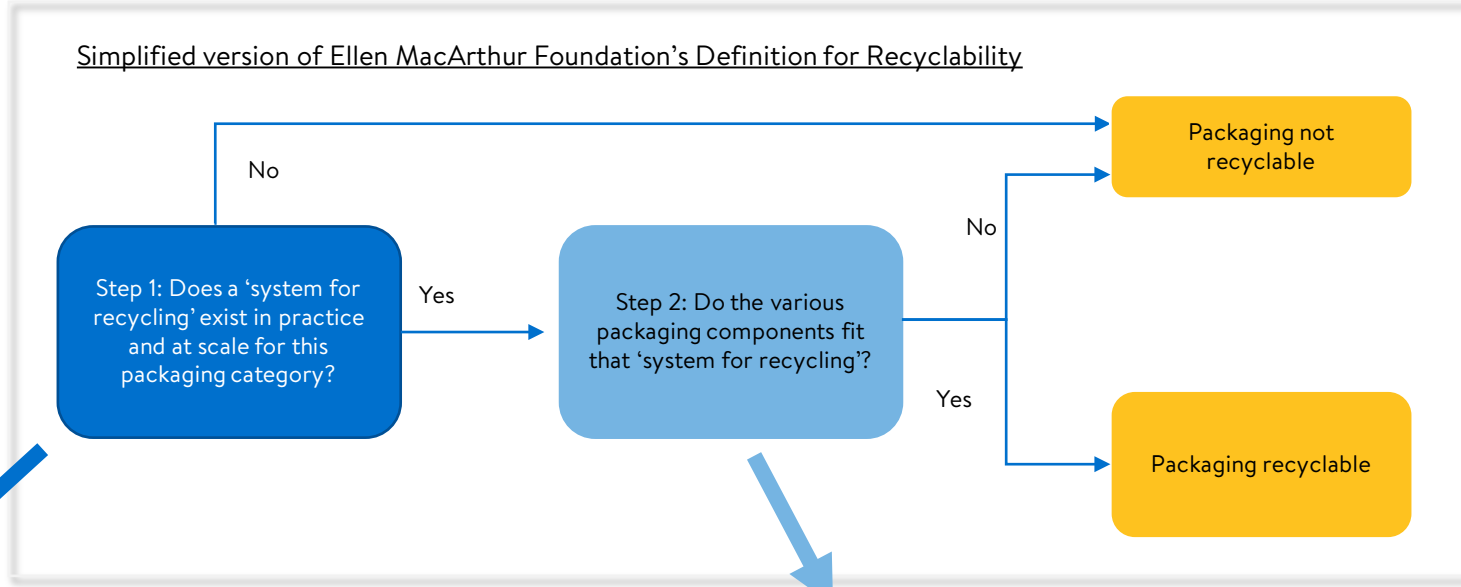
HOW RECYCLABILITY IS DETERMINED



HOW RECYCLABILITY IS CAPTURED IN THE PRIVATE BRAND SURVEY

Walmart follows Ellen MacArthur's definition for recyclable, reusable, and industrially compostable packaging

The Ellen MacArthur Foundation's definition for each packaging type + base material is *geographically agnostic*. The system auto calculates this total for you when you enter in your packaging data into the survey. See the diagram below for more information on how recyclability of an item is determined.



Walmart is referencing EMF's guidance document to identify packaging that can proceed to Step 2.

Look for this chart on each guidance page.

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
BOTTLE & JUG	PET	Yes, proceed to step 2
BOTTLE & JUG	HDPE	Yes, proceed to step 2
BOTTLE & JUG	PVC	No, package is NOT recyclable
BOTTLE & JUG	LDPE	No, package is NOT recyclable
BOTTLE & JUG	LLDPE	No, package is NOT recyclable
BOTTLE & JUG	PP	Yes, proceed to step 2
BOTTLE & JUG	PS	No, package is NOT recyclable
BOTTLE & JUG	EPS	No, package is NOT recyclable
BOTTLE & JUG	Other plastic (PETG, CPET, PC, multimerial, or blended resins)	No, package is NOT recyclable
BOTTLE & JUG	Other non-plastic	No, package is NOT recyclable

Walmart's Recycling Playbook and the How2Recycle label are resources to answer Step 2 of EMF's recyclability definition

Walmart sustainable packaging playbook deep dive: Supporting Recycling

PET Bottles

Application Notes
 Informative, not prescriptive
 PET bottles is often used with the following:
 • Water and beverages
 • Grocery (eg, condiments, sauces)
 • Health & Wellness (eg, supplements)
 • Personal and baby care
 • Cleaning products

Recyclability Challenge	Examples	Guidance
Nylon Layers	Spinning mineral water, jam, and juice	Use the APR recognized options or innovate to use recycling compatible options
Oxygen Barrier for other Additives	Juice, tea, and coffee	Use the APR recognized options or innovate to use recycling compatible options (ie, EVOH or SiO ₂)
Paper Labels	Many products	There are a few cost options that either need to pass APR benchmark and definition tests or be replaced with non-paper APR recognized options
Pressure Sensitive and Shrink Sleeve Labels	Many products	Use the APR recognized options (Learn more at https://plasticrecycling.org/innovation/labels/)
Metal Parts in Cap, Pump, or Spray	Beverages, cleaning, and personal care products	Look for all plastic caps, pumps, or sprays (some applications may have functional limitations and limitations of labels should be used to clearly communicate that the caps, pumps, or spray with metal needs to be removed before recycling
PETG	Beverages	PETG is not the same thing as PET and should be designed out of PET packaging
Materials that present recyclability challenges		
Blau	PETG or Other non-compatible resins mixed in (some EVOH levels are ok)	
Blau Color or Additives	Transparent colors other than blue and green, opaque colors, dark colors, degradable additives (no biodegradable additives)	
Attachments and Closures	Metal, Foil, PL, PVC, PA, TPO/Silicon with density > 1	
Labels	Metal foil, metallized printing, PS, PVC, PVA, Full body shrink sleeve or pressure sensitive labels that are not APR preferred, Glue not pass near infrared (NIR) Sorting Potential Test, greater than 50% printed label coverage of the container side and bottom for pressure sensitive or PS, For sleeves, or paper labels that are not APR preferred, avoid bleeding inks	

WALMART FOLLOWS THE ELLEN MACARTHUR FOUNDATION'S DEFINITIONS FOR RECYCLABILITY, RECYCLED CONTENT, COMPOSTABILITY AND REUSE

Below are Walmart's summarized version of the Ellen MacArthur Foundation's definitions. For the Ellen MacArthur Foundation's full definitions, please visit: <https://www.ellenmacarthurfoundation.org/assets/downloads/13319-Global-Commitment-Definitions.pdf>

Recyclable

Definition: If it is successful post-consumer collection, sorting, and recycling is proven to work in practice and at scale (1).

(1) The suggested test and threshold to assess if the recyclability of a packaging design is proven 'in practice and at scale' is:

- Does that packaging achieve a 30% post-consumer recycling rate in multiple regions, collectively representing at least 400 million inhabitants?

The above threshold might be reviewed by EMF over time as more data becomes available.

PCR

Definition: Proportion, by mass, of post-consumer (1) recycled material in a product or packaging.

(1) Post-consumer recycled content (PCR) is material generated by households or by commercial, industrial and institutional facilities in their role as end users of the product which can no longer be used for its intended purpose. This includes returns of material from the distribution chain.

Compostable

Definition: If it is in compliance with relevant international compostability standards and if its successful post-consumer collection, (sorting), and composting is proven to work in practice and at scale.

Bio-based

Definition: Made from renewable resources instead of fossil fuels. Examples of renewable carbon resources include corn, potatoes, rice, soy, sugarcane, wheat, and vegetable oil. A biobased plastic can be partly or entirely biobased.

Note that just because a plastic product is biobased **does not** necessarily mean the product is biodegradable, recyclable or compostable.

Reuse

Definition: Operation by which packaging is refilled or used for the same purpose for which it was conceived, with or without the support of auxiliary products present on the market, enabling the packaging to be refilled.

Reusable packaging is packaging which has been designed to accomplish or proves its ability to accomplish a minimum number of trips or rotations in a system for reuse.

PACKAGING THAT DOES NOT MEET THE ELLEN MACARTHUR FOUNDATION'S THRESHOLD FOR IN-PRACTICE & AT SCALE

NO packaging in the **red** or **yellow** pages of the Recycling Playbook meets the Ellen MacArthur Foundation's threshold for in-practice and at scale. This includes:

- Bottles made with PVC, LDPE, LLDPE, PS, EPS, Other plastic
- Blister packs
- Any non-HDPE tray, clamshell, thermoform, jar, tub, cup, or pail
- Tubes
- Paper based with metal cans, canisters, or cartons
- Plastic bags, films, pouches or sachets
- Plastic foam cushion, dunnage, inserts
- Plastic boxes or hang tags, backer or header cards
- Small packaging



Optimize

Recyclable packages

Small issues can be detrimental or make a package not compatible with recycling (e.g., color, labels)

ACTION:

Use this playbook to help design out elements not recyclable and detrimental to recycling



Change

Packages that are not recyclable

These may contaminate high value recycling streams or have feasible replacements

ACTION:

Switch to a recyclable package, see this playbook for ideas



Advance

Packages that are not widely recyclable

Barriers in recycling systems at this time

ACTION:

Invest and engage in the development of a recycling, reuse, take-back, or composting solution

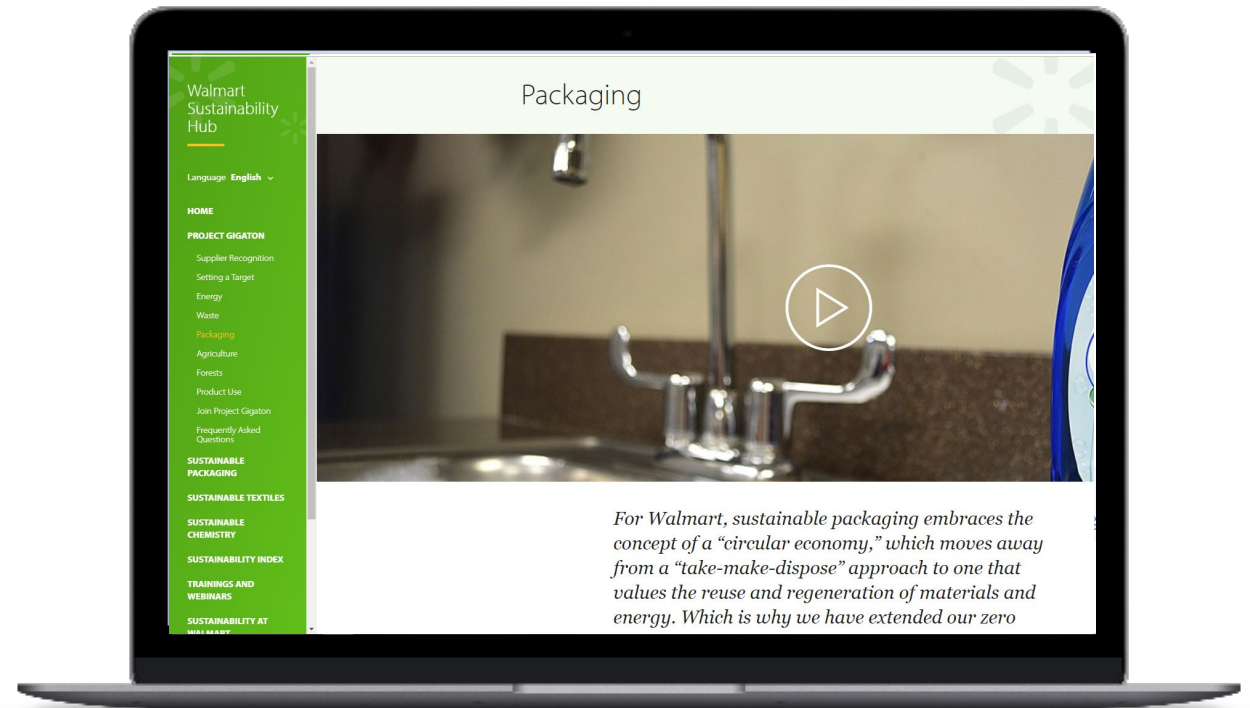
FREQUENTLY ASKED QUESTIONS & OTHER RESOURCES

FREQUENTLY ASKED QUESTIONS

- **What is a primary package?**
 - Packaging that goes home with the customer (*this excludes: ecommerce/shipping packaging, shelf/retail ready packaging, PDQ trays, small hang tags (<2.5”), stickers*)
- **Why are some packaging type + base material listed as *not recyclable* in the survey, but identified as *recyclable* in the Walmart Recycling Playbook?**
 - Ellen MacArthur Foundation’s definition of recyclability has two steps:
 - Step One: Does a “system for recycling” exist in practice and at scale? and
 - Step Two: Do the components fit the “system for recycling”?
 - Walmart’s Recycling Playbook focuses on Step 2 and is founded on APR’s guidance documents

THE SUSTAINABILITY HUB, A ONE-STOP SHOP

- ✓ Find best practices to design for recyclability
- ✓ Download the recycling playbook
- ✓ Find webinar recordings
- ✓ Link to other resources



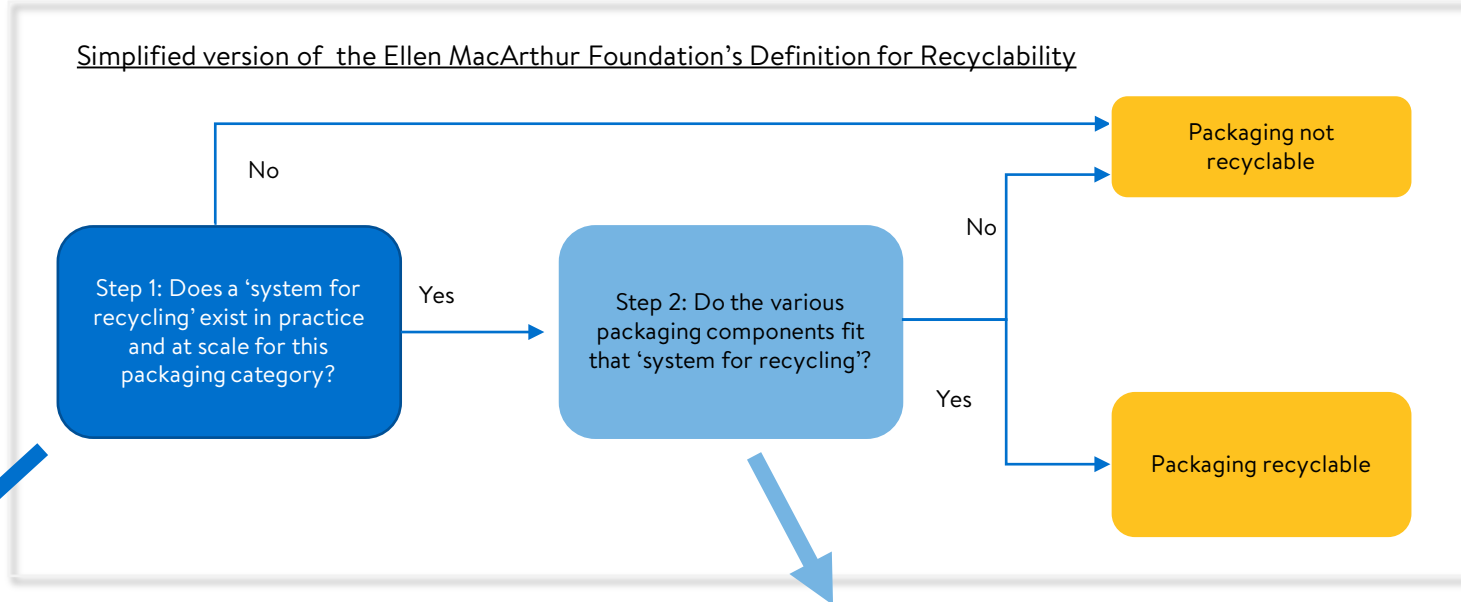
walmartsustainabilityhub.com

HOW AUTO CALCULATIONS ARE MADE

for packaging where a system of recycling exists in practice and at scale

GUIDANCE DOCUMENT – RECYCLING OVERVIEW

Walmart utilizes the Ellen MacArthur Foundation’s definition for recyclability, and ISO definitions for recycled content, compostability, and reuse for purposes of measuring progress on Walmart’s global sustainability goals. This definition for each packaging type + base material is *geographically agnostic*. The same definition and criteria is used for each country to determine if a package is or isn’t recyclable, reusable, or industrially compostable.




Walmart is referencing EMF’s guidance document to identify packaging that can proceed to Step 2.

Look for this chart on each guidance page.

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
BOTTLE & JUG	PET	Yes, proceed to step 2
BOTTLE & JUG	HDPE	Yes, proceed to step 2
BOTTLE & JUG	PVC	No, package is NOT recyclable
BOTTLE & JUG	LDPE	No, package is NOT recyclable
BOTTLE & JUG	LLDPE	No, package is NOT recyclable
BOTTLE & JUG	PP	Yes, proceed to step 2
BOTTLE & JUG	PS	No, package is NOT recyclable
BOTTLE & JUG	EPS	No, package is NOT recyclable
BOTTLE & JUG	Other plastic (PETG, CPET, PC, multimerial, or blended resins)	No, package is NOT recyclable
BOTTLE & JUG	Other non-plastic	No, package is NOT recyclable


Walmart’s Recycling Playbook and the How2Recycle label are resources to answer Step 2 of EMF’s recyclability definition

Walmart sustainable packaging playbook deep dive: Supporting Recycling

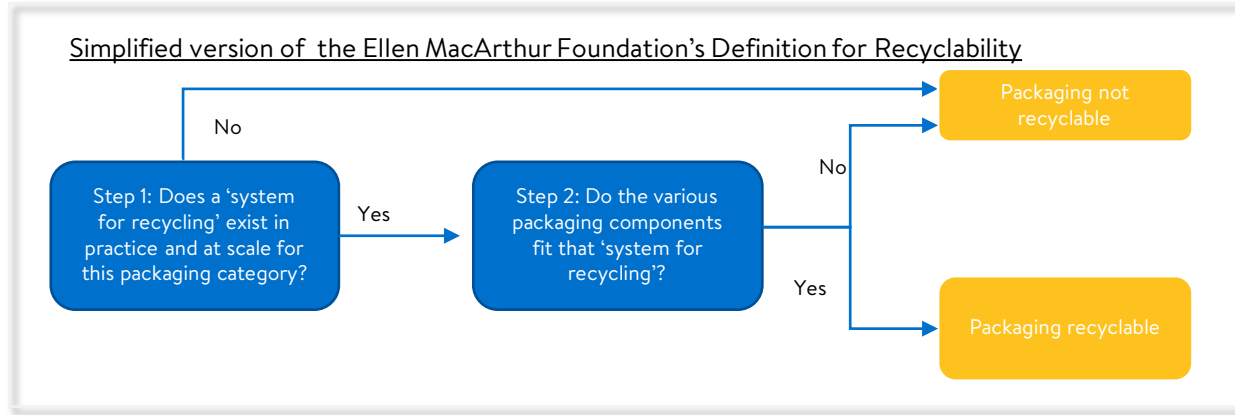


Application Notes
 Informative, not comprehensive
 PET bottles is often used with the following:
 • Water and beverages
 • Grocery (eg, condiments, sauces)
 • Health & Wellness (eg, supplements)
 • Personal and baby care
 • Cleaning products

Recyclability Challenge	Examples	Guidance
Nylon Layers	Spinning, mineral water, jam, and juice	Use the APR recognized options or innovate to use recycling compatible options
Oxygen Barrier for other Additives	Juice, tea, and coffee	Use the APR recognized options or innovate to use recycling compatible options (eg, EVOH or SiO ₂)
Paper Labels	Many products	There are a few options that either need to pass APR benchmark and definition tests or be replaced with non-paper APR recognized options
Pressure Sensitive and Shrink Sleeve Labels	Many products	Use the APR recognized options (Learn more at https://www.ellenmacarthurfoundation.org/pressuresensitive)
Metal Parts in Cap, Pump, or Spray	Beverages, cleaning, and personal care products	Look for all plastic caps, pumps, or sprays (some applications may have functional limitations and limitations of labels should be used to clearly communicate that the caps, pumps, or spray with metal needs to be removed before recycling
PETG	Beverages	PETG is not the same thing as PET and should be designed out of PET packaging
Materials that present recyclability challenges		
Blau	PETG or Other non-compatible resins mixed in (some EVOH levels are ok)	
Blau Color or Additives	Transparent colors other than blue and green, opaque colors, dark colors, degradable additives (no biodegradable additives)	
Attachments and Closures	Metal, Foil, PL/PVC, PA, TPO/Silicon with density > 1	
Labels	Metal foil, metallized printing, PS, PVC, PLA, Full body shrink sleeve or pressure sensitive labels that are not APR preferred, Glass not pass near infrared (NIR) Sorting Potential Test, greater than 50% printed label coverage of the container side and bottom for pressure sensitive or PLS, For sleeves, or paper labels that are not APR preferred, avoid bleeding inks	



GUIDANCE DOCUMENT – BOTTLE & JUG



STEP ONE – Does a “system for recycling” exist in practice and at scale?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
BOTTLE & JUG	PET	Yes, proceed to step 2
BOTTLE & JUG	HDPE	Yes, proceed to step 2
BOTTLE & JUG	PVC	No, package is NOT recyclable
BOTTLE & JUG	LDPE	No, package is NOT recyclable
BOTTLE & JUG	LLDPE	No, package is NOT recyclable
BOTTLE & JUG	PP	Yes, proceed to step 2
BOTTLE & JUG	PS	No, package is NOT recyclable
BOTTLE & JUG	EPS	No, package is NOT recyclable
BOTTLE & JUG	Other plastic (PETG, CPET, PC, multimaterial, or blended resins)	No, package is NOT recyclable
BOTTLE & JUG	Other non-plastic	No, package is NOT recyclable

STEP TWO – Do the components fit the “system for recycling”?

The package does NOT fit the “system for recycling” if it uses any of the below

PET RIGID PACKAGING

- Opaque or non clear, transparent, light blue or green
- PETG bottles
- PVC components (including labels)
- Degradable additives
- Large labels (*that aren't APR approved*)
- Metal attachments

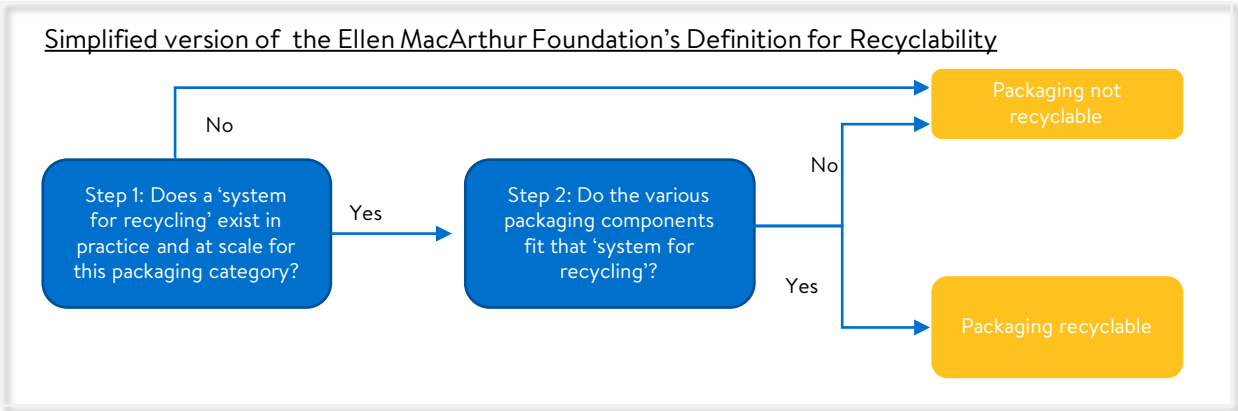
HDPE & PP RIGID PACKAGING

- PVC components (including labels)
- Degradable additives
- Large amounts of heavy fillers
- Large labels (*that aren't APR approved*)
- Metal attachments

Refer to the Walmart Recycling Playbook for more information



GUIDANCE DOCUMENT – BLISTER PACK

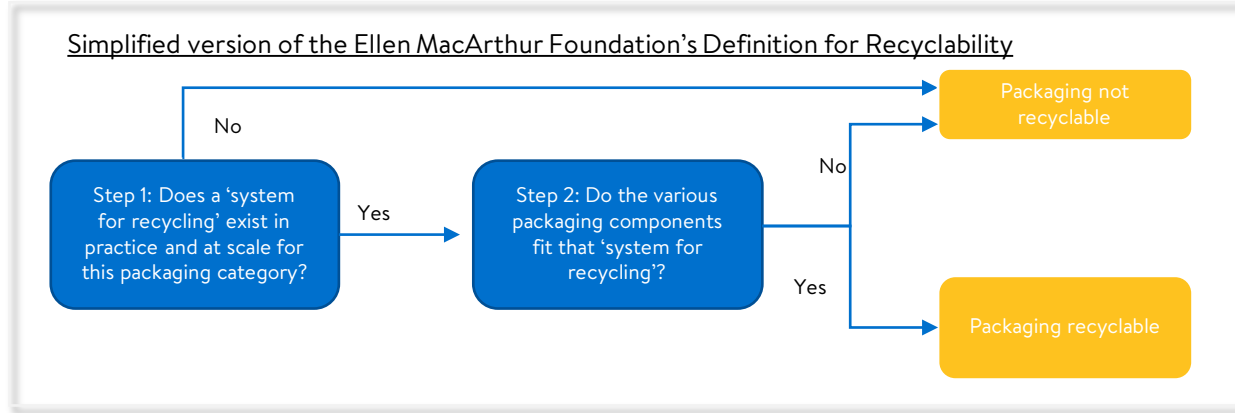


STEP ONE – Does a “system for recycling” exist in practice and at scale?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
BLISTER PACK	PET plastic and fiber	No, package is NOT recyclable
BLISTER PACK	PVC plastic and fiber	No, package is NOT recyclable
BLISTER PACK	PE plastic and fiber	No, package is NOT recyclable
BLISTER PACK	Other	No, package is NOT recyclable

At this time, no packaging meets Step 1.
 Therefore, there is no need to answer Step 2.
 The packaging is not recyclable.

GUIDANCE DOCUMENT – TRAY, CLAMSHELL, THERMOFORM



STEP ONE – Does a “system for recycling” exist in practice and at scale?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
TRAY, CLAMSH...	PET	No, package is NOT recyclable
TRAY, CLAMSH...	HDPE	Yes, proceed to step 2
TRAY, CLAMSH...	PVC	No, package is NOT recyclable
TRAY, CLAMSH...	LDPE	No, package is NOT recyclable
TRAY, CLAMSH...	LLDPE	No, package is NOT recyclable
TRAY, CLAMSH...	PP	No, package is NOT recyclable
TRAY, CLAMSH...	PS	No, package is NOT recyclable
TRAY, CLAMSH...	EPS	No, package is NOT recyclable
TRAY, CLAMSH...	Other plastic (PETG, CPET, PC, acrylic, multimaterial, or blended resins)	No, package is NOT recyclable
TRAY, CLAMSH...	Aluminum	Yes, proceed to Step 2

STEP TWO – Do the components fit the “system for recycling”?

The package does NOT fit the “system for recycling” if it uses any of the below

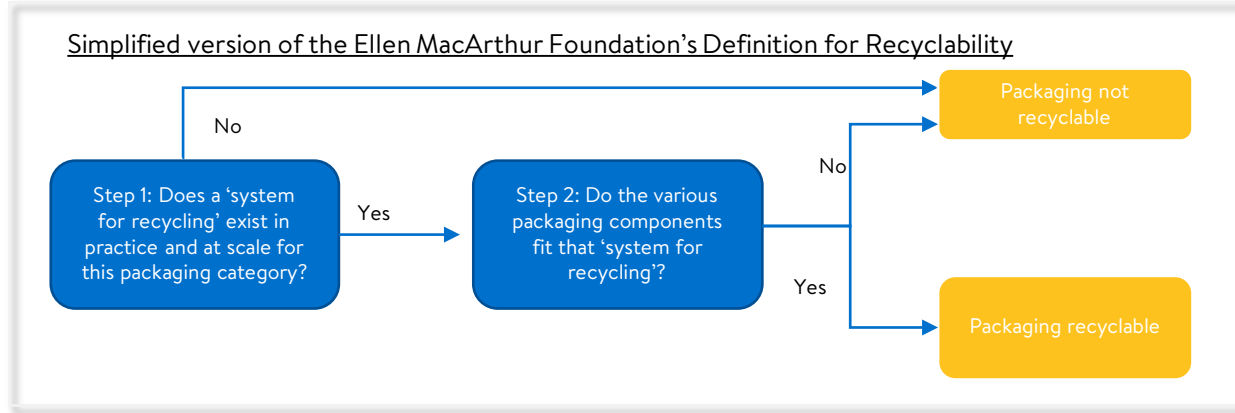
HDPE RIGID PACKAGING

- PVC components (including labels)
- Degradable additives
- Large amounts of heavy fillers
- Large labels (*that aren't APR approved*)
- Metal attachments

Refer to the Walmart Recycling Playbook for more information



GUIDANCE DOCUMENT – JARS, TUBS, CUPS, PAILS



STEP ONE – Does a “system for recycling” exist in practice and at scale?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
JARS, TUBS, CUPS, PET		No, package is NOT recyclable
JARS, TUBS, CUPS, HDPE		Yes ,Proceed to step 2
JARS, TUBS, CUPS, PVC		No, package is NOT recyclable
JARS, TUBS, CUPS, LDPE		No, package is NOT recyclable
JARS, TUBS, CUPS, LLDPE		No, package is NOT recyclable
JARS, TUBS, CUPS, PP		No, package is NOT recyclable
JARS, TUBS, CUPS, PS		No, package is NOT recyclable
JARS, TUBS, CUPS, EPS		No, package is NOT recyclable
JARS, TUBS, CUPS,	Other plastic (PETG, PC, multimaterial, blended resins)	No, package is NOT recyclable

STEP TWO – Do the components fit the “system for recycling”?

The package does NOT fit the “system for recycling” if it uses any of the below

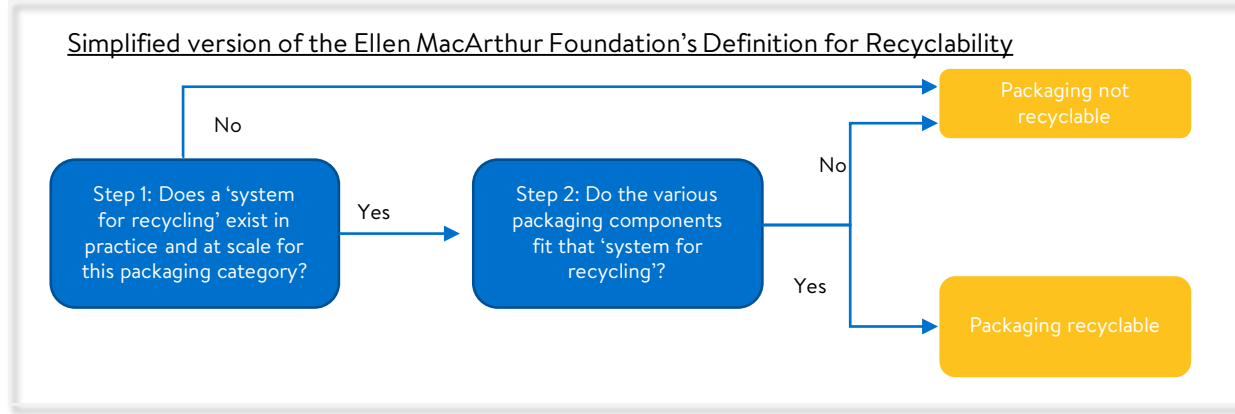
HDPE RIGID PACKAGING

- PVC components (including labels)
- Degradable additives
- Large amounts of heavy fillers
- Large labels (*that aren't APR approved*)
- Metal attachments

Refer to the Walmart Recycling Playbook for more information



GUIDANCE DOCUMENT – TUBES



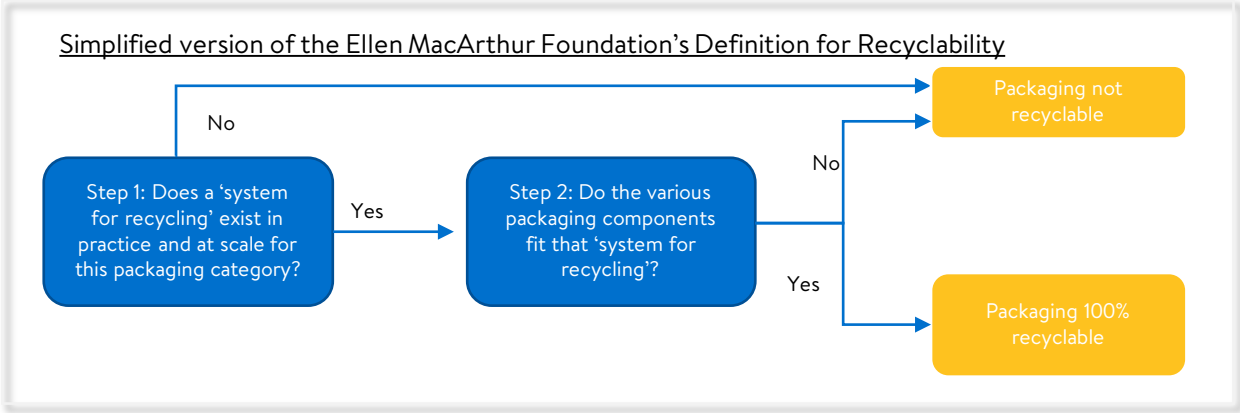
STEP ONE – Does a “system for recycling” exist in practice and at scale?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
TUBES	PVC	No, package is NOT recyclable
TUBES	HDPE	No, package is NOT recyclable
TUBES	Other plastic	No, package is NOT recyclable
TUBES	Aluminum	No, package is NOT recyclable

STEP TWO – Do the components fit the “system for recycling”?

At this time, no packaging meets Step 1.
 Therefore, there is no need to answer Step 2.
 The packaging is not recyclable.

GUIDANCE DOCUMENT – CANS, CANISTERS, CARTONS



STEP ONE – Does a “system for recycling” exist in practice and at scale?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
CANS, CANNISTE..	Metal (Aluminum, Steel, tin)	Yes, proceed to step 2
CANS, CANNISTE..	Paper-based w/o metal	Yes, proceed to step 2
CANS, CANNISTE..	Paper-based w/metal	No, package is NOT recyclable

STEP TWO – Do the components fit the “system for recycling”?

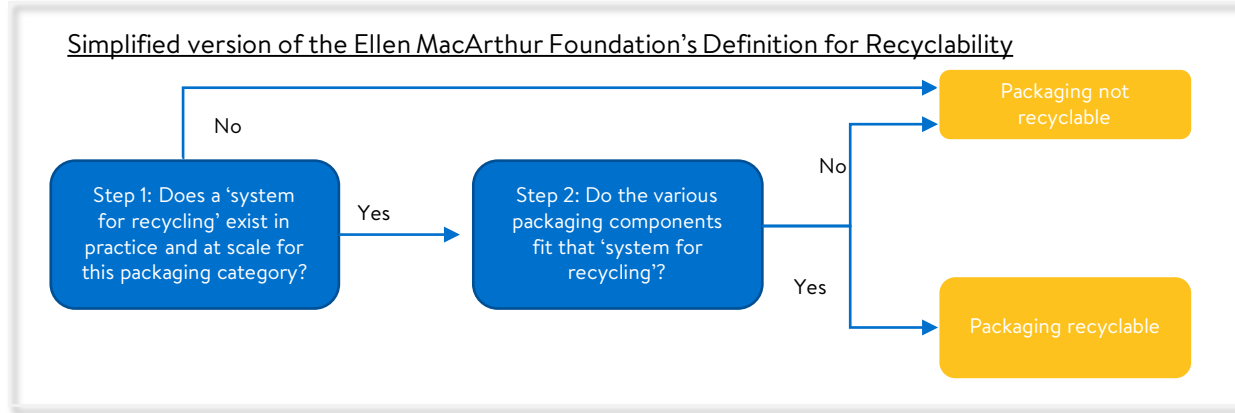
The package does NOT fit the “system for recycling” if it uses any of the below

PAPER-BASED PACKAGING

- Metal
- Magnetic closures
- Radio-frequency identification
- Double sided plastic/polymer/resin coatings

Refer to the Walmart Recycling Playbook for more information

GUIDANCE DOCUMENT – BAGS, FILMS, POUCHES, SACHETS



STEP ONE – Does a “system for recycling” exist in practice and at scale?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
BAGS, FILM, POU..	Paper	Yes, proceed to step 2
BAGS, FILM, POU..	PE Plastic (HDPE, MDPE, LDPE, LLDPE)	No, package is NOT recyclable
BAGS, FILM, POU..	PVC	No, package is NOT recyclable
BAGS, FILM, POU..	Other plastic (Nylon, PP, PLA, PET, multmaterial ...)	No, package is NOT recyclable

STEP TWO – Do the components fit the “system for recycling”?

The package does NOT fit the “system for recycling” if it uses any of the below

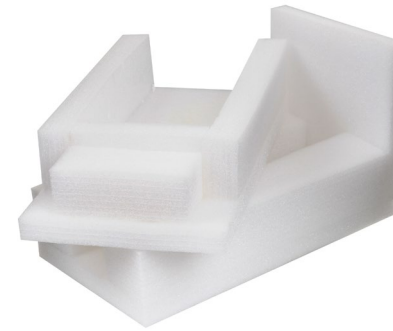
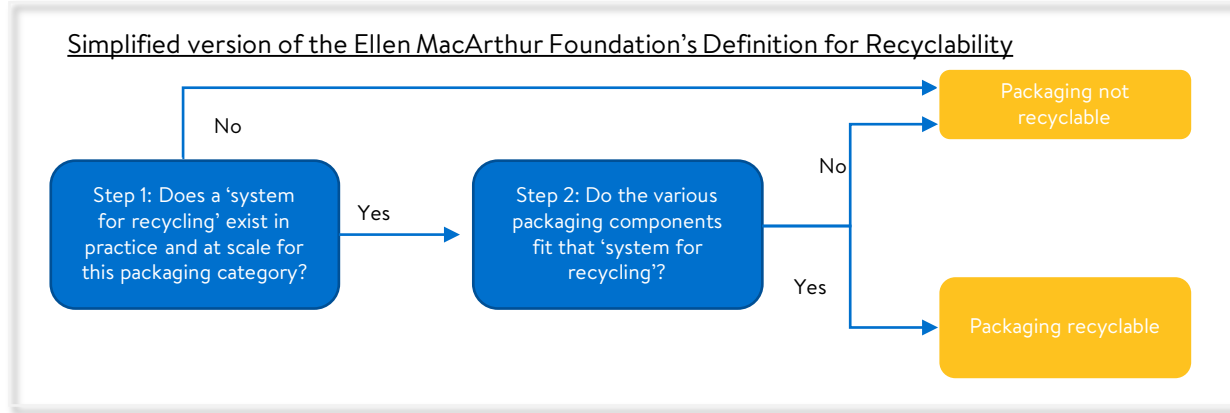
PAPER-BASED PACKAGING

- Metal
- Magnetic closures
- Radio-frequency identification
- Double sided plastic/polymer/resin coatings

Refer to the Walmart Recycling Playbook for more information



GUIDANCE DOCUMENT – FOAM CUSHION, DUNNAGE, INSERTS



STEP ONE – Does a “system for recycling” exist in practice and at scale?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
FOAM CUSHION..	PE film/pillow	No, package is NOT recyclable
FOAM CUSHION..	EPE	No, package is NOT recyclable
FOAM CUSHION..	EPP	No, package is NOT recyclable
FOAM CUSHION..	Other plastic film/pillow	No, package is NOT recyclable
FOAM CUSHION..	Expanded Polystyrene (EPS)	No, package is NOT recyclable
FOAM CUSHION..	Molded Pulp/Fiber	Yes, proceed to step 2
FOAM CUSHION..	Corrugate	Yes, proceed to step 2
FOAM CUSHION..	Paperboard	Yes, proceed to step 2
FOAM CUSHION..	Other non-plastic	No, package is NOT recyclable

STEP TWO – Do the components fit the “system for recycling”?

The package does NOT fit the “system for recycling” if it uses any of the below

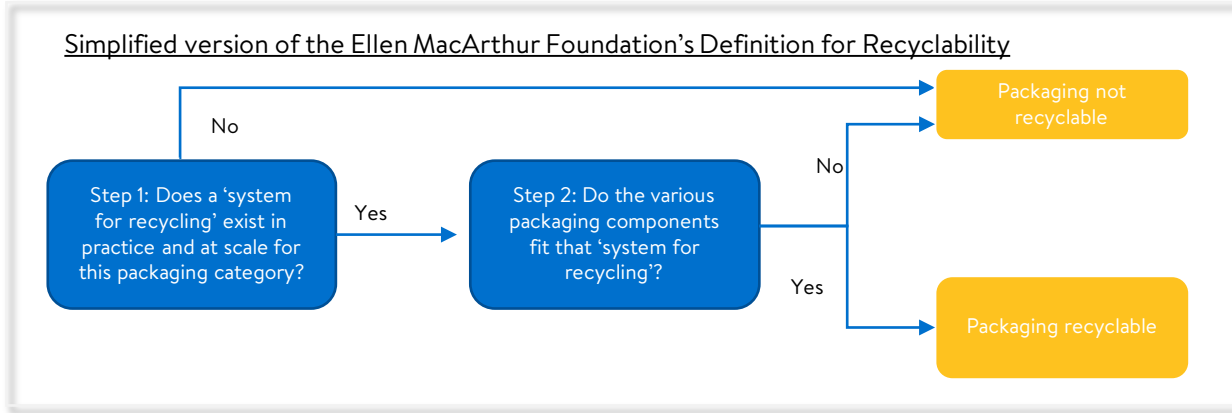
PAPER-BASED PACKAGING

- Metal
- Magnetic closures
- Radio-frequency identification
- Double sided plastic/polymer/resin coatings

Refer to the Walmart Recycling Playbook for more information



GUIDANCE DOCUMENT – BOX



STEP ONE – Does a “system for recycling” exist in practice and at scale?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
BOX	Paperboard	Yes, proceed to step 2
BOX	Corrugate	Yes, proceed to step 2
BOX	Molded Pulp/Fiber	Yes, proceed to step 2
BOX	Other non-plastic	No, package is NOT recyclable
BOX	EPS	No, package is NOT recyclable
BOX	Paperboard with Plastic	No, package is NOT recyclable
BOX	Corrugate with Plastic	No, package is NOT recyclable
BOX	PVC	No, package is NOT recyclable
BOX	Other Plastic ((PET, HDPE, PP...))	No, package is NOT recyclable

STEP TWO – Do the components fit the “system for recycling”?

The package does NOT fit the “system for recycling” if it uses any of the below

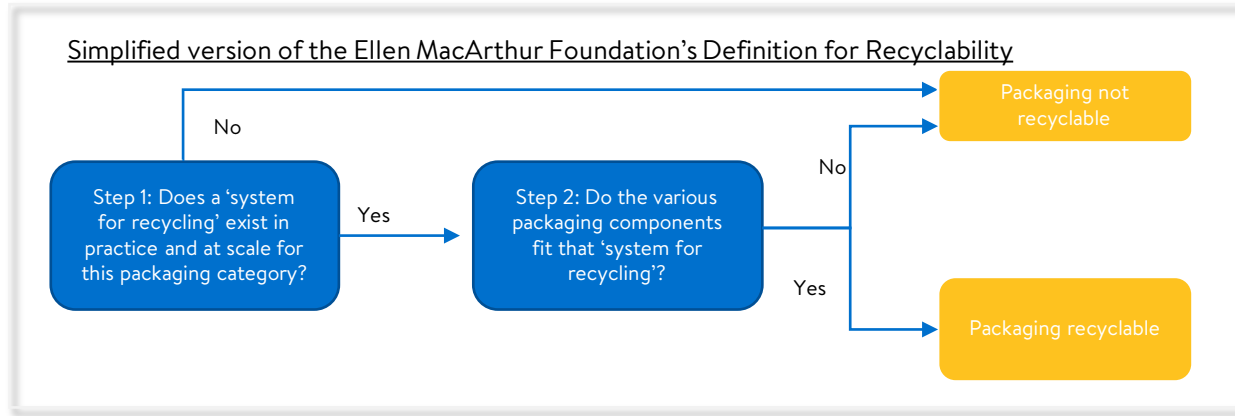
PAPER-BASED PACKAGING

- Metal
- Magnetic closures
- Radio-frequency identification
- Double sided plastic/polymer/resin coatings

Refer to the Walmart Recycling Playbook for more information



GUIDANCE DOCUMENT – SMALL PACKAGING




STEP ONE – Does a “system for recycling” exist in practice and at scale?

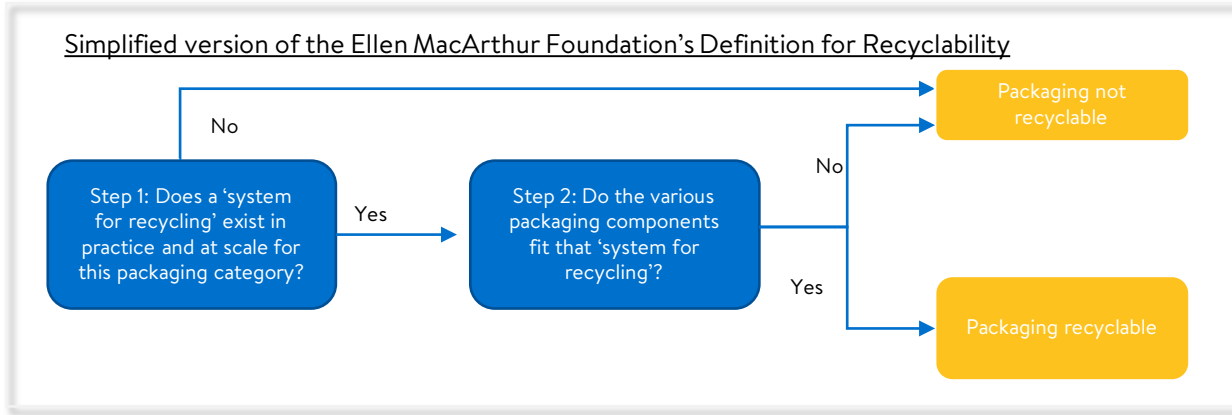
PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
SMALL PACKAGING	PET	No, package is NOT recyclable
SMALL PACKAGING	HDPE	No, package is NOT recyclable
SMALL PACKAGING	PVC	No, package is NOT recyclable
SMALL PACKAGING	LDPE	No, package is NOT recyclable
SMALL PACKAGING	LLDPE	No, package is NOT recyclable
SMALL PACKAGING	PP	No, package is NOT recyclable
SMALL PACKAGING	PS	No, package is NOT recyclable
SMALL PACKAGING	EPS	No, package is NOT recyclable
SMALL PACKAGING	Other plastic (PETG, CPET, PC, multimaterial, or blended resins)	No, package is NOT recyclable
SMALL PACKAGING	Glass	No, package is NOT recyclable
SMALL PACKAGING	Other non-plastic	No, package is NOT recyclable
SMALL PACKAGING	Molded Pulp/Fiber	No, package is NOT recyclable
SMALL PACKAGING	Corrugate	No, package is NOT recyclable
SMALL PACKAGING	Paperboard	No, package is NOT recyclable

At this time, no packaging meets Step 1.
 Therefore, there is no need to answer Step 2.
 The packaging is not recyclable.

Refer to the Walmart Recycling Playbook for more information



GUIDANCE DOCUMENT – HANG TAGS, BACKER CARDS, HEADER CARDS



STEP ONE – Does a “system for recycling” exist in practice and at scale?

PACKAGING TYPE	PACKAGING MATERIAL	STEP ONE: YES OR NO
HANG TAGS, BACKER	Paperboard	Yes, proceed to step 2
HANG TAGS, BACKER	Paper	Yes, proceed to step 2
HANG TAGS, BACKER	Corrugate	Yes, proceed to step 2
HANG TAGS, BACKER	PE Plastic (HDPE, MDPE, LDPE, LLDPE)	No, package is NOT recyclable
HANG TAGS, BACKER	PVC	No, package is NOT recyclable
HANG TAGS, BACKER	Other plastic	No, package is NOT recyclable
HANG TAGS, BACKER	paperboard with plastic	No, package is NOT recyclable
HANG TAGS, BACKER	corrugate with plastic	No, package is NOT recyclable

The package does NOT fit the “system for recycling” if it uses any of the below

PAPER-BASED PACKAGING

- Metal
- Magnetic closures
- Radio-frequency identification
- Double sided plastic/polymer/resin coatings

Refer to the Walmart Recycling Playbook for more information

