



RAM 2027

How each material
category differs
between RAM v1.1 and
RAM 2027



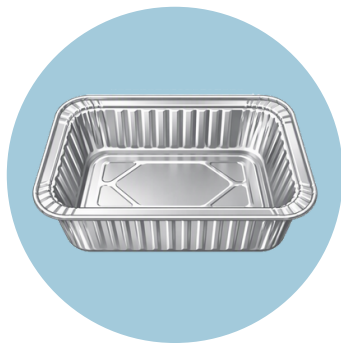
RAM Comparison guide

Material Categories

Categories with no major changes



Steel



Aluminium



Wood



Other

Categories with changes



Paper or Board



FBC Liquid Cartons



FBC Non-Liquid Cartons



Plastic (Flexibles)



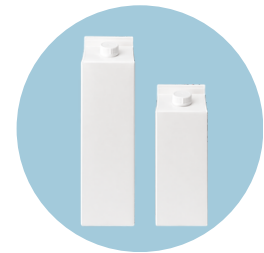
Plastic (Rigids)



Glass

To showcase changes from v1.1 to RAM 2027 across material categories, we've developed a comparison guide for:

- Paper or Board
- FBC Liquid Cartons
- FBC Non-Liquid Cartons
- Plastic (Flexible)
- Plastic (Rigids)
- Glass



Please note the following pages are summary only. For more details on RAM 2027 requirements, please see the RAM 2027 materials assessment guidance.

Comparison Guide

Paper or Board: Possible rating **G**, **A**, **R**

	CRITERIA	RAM V1.1	RAM 2027
CLASSIFICATION	No major change		
COLLECTION	Wax dispersion coatings Silicone	No criteria Any silicone or wax is red	Exempt from red rating Exempt from red rating for use in linerless labels
SORTATION	No major change		
REPROCESSING	Glass or carbon fibres Paper labels: silicone content Designed for food to be heated within	Intentionally added is red Any silicone is red No criteria	Any use is red >0.3% amber Red
APPLICATION	PVC or PVDC dispersion coatings Foil >6 microns	Amber Amber	Red Red

Comparison Guide

FBC Liquid Cartons: Possible rating **A**, **R**

	CRITERIA	RAM V1.1	RAM 2027
CLASSIFICATION	No major change		
COLLECTION	No major change		
SORTATION	No major change		
REPROCESSING	Reprocessing infrastructure	No criteria	Amber
APPLICATION	Aluminium	No criteria	Amber
	Glass or Carbon fibres	No criteria	Red
	Silicone	No criteria	Red

Comparison Guide

FBC Non-Liquid Cartons: Possible rating **G**, **A**, **R**

	CRITERIA	RAM V1.1	RAM 2027
CLASSIFICATION	No major change		
COLLECTION	No major change		
SORTATION	No major change		
REPROCESSING	Designed for food to be heated within	No criteria	Red
APPLICATION	Aluminium	No criteria	Amber
	Silicone	No criteria	Red
	Foil >6 microns	Amber	Red
	PVC/PVCD dispersion coating	Amber	Red

Comparison Guide

Plastic (Flexible): Possible rating **A**, **R**

	CRITERIA	RAM V1.1	RAM 2027
CLASSIFICATION	Bio-based inclusion	No criteria	Treated as fossil-based equivalent



To note: as plastic (flexibles) will be rated red at collection, or amber through take-back, there are no listed criteria at the further stages of recyclability.

Comparison Guide

Plastic (Rigids): Possible rating **G**, **A**, **R**

	CRITERIA	RAM V1.1	RAM 2027
CLASSIFICATION	Bio-based inclusion	No criteria	Treated as fossil-based equivalent
COLLECTION	No major change		
SORTATION	Different material label coverage >60% surface area Carbon black	No criteria Any use of carbon black is red	Amber Only carbon black that prevents NIR detection is red
REPROCESSING	Trigger sprays with contaminating materials Label adhesive doesn't release at 70-90°C hot-wash EVOH PET thermoforms with non-PET multilayers	No criteria No criteria Higher % tolerance thresholds across polymers No criteria	Red Red Lower % tolerance thresholds across polymers Red
APPLICATION	Colouration updates Direct printing Foil	No criteria No criteria Amber	Polymer-specific ratings Red in most cases Red

Comparison Guide

Glass: Possible rating **G**, **A**, **R**

	CRITERIA	RAM V1.1	RAM 2027
CLASSIFICATION	No major change		
COLLECTION	Kind of glass collected	Various categories and terms	Non-soda-lime-silica glass red Soda-lime-silica glass green
SORTATION	No major change		
REPROCESSING	No major change		
APPLICATION	Contaminants and colours	Amber	All green

RAM 2027

Available support



01

Your first port of call should be the RAM 2027 materials assessment guidance published on gov.uk.

02

Support materials can help you digest the guidance by providing simplified breakdowns of key changes.

03

Still have unanswered questions about RAM 2027? Please get in touch with our Helpdesk.