

# The Environmental Report

Living up to its mission of helping beauty brands perform, Quadpack is a global manufacturer and provider of packaging solutions. Aiming to have a positive impact on people and the planet, the group is committed to continuously improving the sustainability of its product portfolio.

The Environmental Report (ER) is an informative document that collects details of pack components and analyses their Life Cycle Assessment (LCA) data. The aim is to help customers choose their preferred combination relying on science-based information about the product's environmental footprint.

Quadpack uses PIQET's LCA tool to assess the environmental impacts and resource consumption of all packaging options. This data is then translated into our PIP rating system, which is a clear and transparent indicator of a product's sustainability level.



## Regula Airless Refill 15ml



Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code PAS0015RGRF	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	<b>BOTTLE rPET</b>	CDA0047I020	Regula Airless Refill 15ml PCR	rPET/PP	100%	Yes	Yes	0,0070	0,0635	0,72	
	<b>BOTTLE PET</b>	CDA0042I020	Regula Airless Refill 15ml	PET/PP	0%	Yes	Yes	0,0133	0,0855	0,50	
	<b>PUMP &amp; CAP rPET</b>	20002831	Regula pump & cap for 3 sizes refill	rPET/PP	100%	Yes	Yes	0,0040	0,0579	0,64	
	<b>PUMP &amp; CAP PET</b>	20002832	Regula pump & cap for 3 sizes refill	PET/PP	0%	Yes	Yes	0,0068	0,0620	0,47	
	<b>PUMP &amp; CAP SAN</b>	20002833	Regula pump & cap for 3 sizes refill	SAN/PP	0%	Yes	Yes	0,0071	0,0640	0,41	

Source: The values for the Environmental Indicators shown in this report have been calculated with the LCA tool PIQET, in September 2022.  
Date: 18/04/2023



### Legend

#### Positive Impact Packaging rating



#### Sustainable attributes



### Definitions

**Climate change in CO2:** The result of global warming due to CO2 emissions released into the atmosphere as a result of the activities of a particular individual, organization, or community.

**Circularity:** Environmental systems that aim to eliminate waste and maximise the reuse of resources by creating a closed loop system.

**Water use volume:** The amount of water used in the production and supply of goods and services.

**Renewable energy:** Energy derived from natural resources that are replenished at a higher rate than they are consumed. Sunlight and wind, for example.



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## Regula Airless Refill 30ml



Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code PAS0030RGRF	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	<b>BOTTLE rPET</b>	CDA0048I020	Regula Airless Refill 30ml PCR	rPET/PP	100%	Yes	Yes	0,0125	0,1100	0,69	
	<b>BOTTLE PET</b>	CDA0043I020	Regula Airless Refill 30ml	PET/PP	0%	Yes	Yes	0,0183	0,1300	0,50	
	<b>PUMP &amp; CAP rPET</b>	20002831	Regula pump & cap for 3 sizes refill	rPET/PP	100%	Yes	Yes	0,0040	0,0579	0,64	
	<b>PUMP &amp; CAP PET</b>	20002832	Regula pump & cap for 3 sizes refill	PET/PP	0%	Yes	Yes	0,0068	0,0620	0,47	
	<b>PUMP &amp; CAP SAN</b>	20002833	Regula pump & cap for 3 sizes refill	SAN/PP	0%	Yes	Yes	0,0071	0,0640	0,41	

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### Legend

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## Regula Airless Refill 50ml



Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code PAS0050RGRF	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	<b>BOTTLE rPET</b>	CDA0049I020	Regula Airless Refill 50ml PCR	rPET/PP	100%	Yes	Yes	0,0180	0,1500	0,69	
	<b>BOTTLE PET</b>	CDA0044I020	Regula Airless Refill 50ml	PET/PP	0%	Yes	Yes	0,0320	0,2200	0,50	
	<b>PUMP &amp; CAP rPET</b>	20002831	Regula pump & cap for 3 sizes refill	rPET/PP	100%	Yes	Yes	0,0040	0,0579	0,64	
	<b>PUMP &amp; CAP PET</b>	20002832	Regula pump & cap for 3 sizes refill	PET/PP	0%	Yes	Yes	0,0068	0,0620	0,47	
	<b>PUMP &amp; CAP SAN</b>	20002833	Regula pump & cap for 3 sizes refill	SAN/PP	0%	Yes	Yes	0,0071	0,0640	0,41	

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