

# 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.



## TOP TOTTLE 10ml



Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code	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
	TOTTLE 1L	20000726	10ml Oval Tottle MaMa - 1 Layer	PE	0%	No	No	0,0015	0,014	0,17	
	TOTTLE 5L	20000925	10ml Oval Tottle MaMa - 3 Layer	PE/EVOH	0%	No	No	0,0026	0,015	0	

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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## TOP TOTTLE 50ml



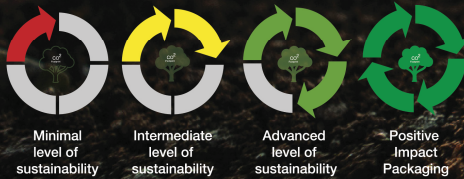
Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	TOTTLE 1L	20000103	50ml Oval Tottle MaMa - 1 Layer	PE	0%	No	No	0,0050	0,049	0,17	
	TOTTLE 5L	20000905	50ml Oval Tottle MaMa - 3 Layer	PE/EVOH	0%	No	No	0,0086	0,050	0	

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## TOP TOTTLE 75ml



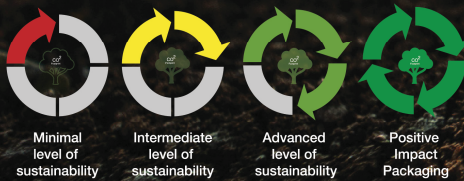
Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	<b>TOTTLE 1L</b>	20000106	75ml Oval Tottle MaMa - 1 Layer	PE	0%	No	No	0,0063	0,046	0,17	
	<b>TOTTLE 5L</b>	20000930	75ml Oval Tottle MaMa - 3 Layer	PE/EVOH	0%	No	No	0,0108	0,063	0	

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## TOP TOTTLE caps



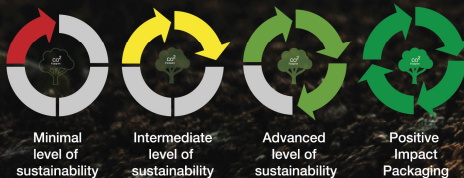
Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	DW CAP ABS	20002717	Oval DW Cap for Tottle ABS	ABS/PP	0%	No	No	0,0049	0,055	0,04	
	DW CAP PP	20000727	Oval DW Cap for Tottle PP	PP	0%	No	No	0,0034	0,032	0,18	
	SW CAP PP	20003054	Oval SW Cap for Tottle PP	PP	0%	No	No	0,0021	0,020	0,18	
	SW CAP PP PCR		Oval SW Cap for Tottle PP 50% PCR	rPP	50%	No	No	0,0021	0,018	0,42	
	REDUCER	20001294	Plastic Reducer for Tottle (OR-11)	LDPE	0%	No	No	0,00001	0,001	0,17	

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