

# 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.



## PP DOUBLE WALL SOLO JAR 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
	JAR	20003441	C-PP-50ml-DW-Solo-Jar	PP	0%	Yes	No	0.00695	0.25	0.19	
	JAR	20003449	C-rPP(outer)-50ml-DW-Solo-Jar	rPP/PP	60%	Yes	No	0.00606	0.22	0.47	
	CAP	20003416	C-PP-Std.Cap-SW-DobleWJar-50ml	PP/PE	0%	Yes	No	0.00193	0.0628	0.19	
	CAP	20003417	C-rPP-Std.Cap-SW-DobleWJar-50ml	rPP/PE	64.66%	Yes	No	0.00168	0.0555	0.5	
	SHIVE	20003407	C-PP-D53.1mm-Shive	PP	0%	Yes	No	0.000479	0.0169	0.19	

Source: The values for the Environmental Indicators shown in this report have been calculated with the LCA tool PIQET, in September 2022.  
Date: 18/01/2023  
ER index: N° 1



### 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.

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## PP DOUBLE WALL SOLO JAR 100ML



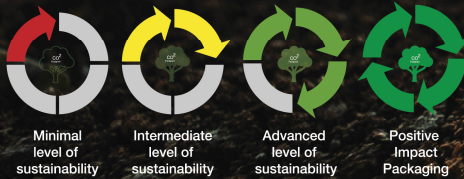
Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	JAR	20003443	C-PP-100ml-DWJar-Solo-Jar	PP	0%	Yes	No	0.00718	0.25	0.19	
	JAR	20003469	C-rPP(outer)-100ml-DW-Solo-Jar	rPP/PP	37.9%	Yes	No	0.0066	0.24	0.37	
	CAP	20003418	C-PP-Std.Cap-SW-DWJar-100/150ml	PP/PE	0%	Yes	No	0.00372	0.12	0.19	
	CAP	20003419	C-rPP-Std.Cap-SW-DWJar-100/150ml	rPP/PE	62.78%	Yes	No	0.00327	0.11	0.49	
	SHIVE	20003410	C-PP-D72.2mm-Shive	PP	0%	Yes	No	0.000911	0.0322	0.19	

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## PP DOUBLE WALL SOLO JAR 150ML



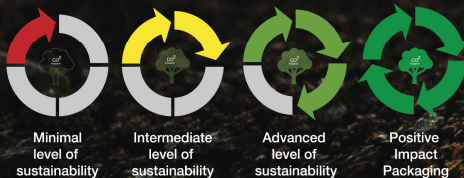
Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	JAR	20003448	C-PP-150ml-DW-Solo-Jar	PP	0%	Yes	No	0.00724	0.26	0.19	
	JAR	20003470	C-rPP(outer)-150ml-DW-Solo-Jar	rPP/PP	35.82%	Yes	No	0.00669	0.24	0.36	
	CAP	20003418	C-PP-Std.Cap-SW-DWJar-100/150ml	PP/PE	0%	Yes	No	0.00372	0.12	0.19	
	CAP	20003419	C-rPP-Std.Cap-SW-DWJar-100/150ml	rPP/PE	62.78%	Yes	No	0.00327	0.11	0.49	
	SHIVE	20003410	C-PP-D72.2mm-Shive	PP	0%	Yes	No	0.000911	0.0322	0.19	

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## PP DOUBLE WALL SOLO JAR 200ML

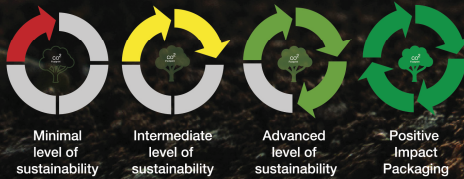
Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	JAR	20003437	C-PP-200ml-DW-Solo-Jar	PP	0%	Yes	No	0.0086	0.30	0.19	
	JAR	20003471	C-rPP(outer)-200ml-DW-Solo-Jar	rPP/PP	36.89%	Yes	No	0.00792	0.28	0.36	
	CAP	20003420	C-PP-Std.Cap-SW-DWJar-200ml	PP/PE	0%	Yes	No	0.00483	0.15	0.19	
	CAP	20003421	C-rPP-Std.Cap-SW-DWJar-200ml	rPP/PE	60.95%	Yes	No	0.00427	0.14	0.48	
	SHIVE	20003413	C-PP-D86.4mm-Shive	PP	0%	Yes	No	0.00147	0.0518	0.19	

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## PP DOUBLE WALL SOLO JAR 250ML



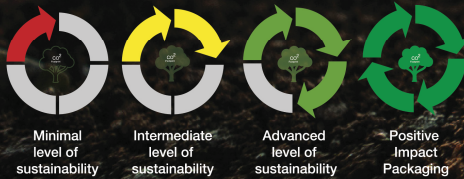
Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	JAR	20003450	C-PP-250ml-DW-Solo-Jar	PP	0%	Yes	No	0.00867	0.31	0.19	
	JAR	20003472	C-rPP(outer)-250ml-DW-Solo-Jar	rPP/PP	37.37%	Yes	No	0.00799	0.29	0.37	
	CAP	20003423	C-PP-Std.Cap-SW-DWJar-250ml	PP/PE	0%	Yes	No	0.00517	0.16	0.19	
	CAP	20003424	C-rPP-Std.Cap-SW-DWJar-250ml	rPP/PE	61.97%	Yes	No	0.00455	0.15	0.48	
	SHIVE	20003413	C-PP-D86.4mm-Shive	PP	0%	Yes	No	0.00147	0.0518	0.19	

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