

# 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.



## NOZZLE HEAD ROUND TUBE D19



Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code PTU0019CNHT	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
	TUBE 1L	20000637	C-PE-D19-StdTube-1L/NozzleCap	PE/PP	0%	Yes	No	0,0010	0,018	0,11	
	TUBE 5L	20002704	C-PE-D19-StdTube-5L/NozzleCap	PE/EVOH/PP	0%	Yes	No	0,0010	0,018	0,11	
	TUBE 1L PCR	20002640	C-PE-D19-Tube-1L-50%rPE/Cap35%rPP	rPE/ rPP	31%	Yes	No	0,0009	0,016	0,37	
	TUBE 5L PCR	20002703	C-PE-D19-Tube-5L-50%rPE/Cap35%rPP	rPE/EVOH/ rPP	31%	Yes	No	0,0009	0,016	0,37	

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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## NOZZLE HEAD ROUND TUBE D22



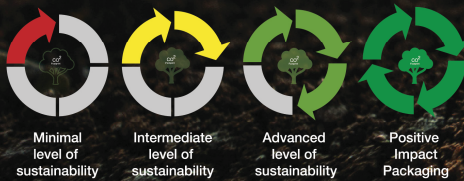
Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code PTU0022CNHT	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	TUBE 1L	20000631	C-PE-D22-StdTube-1L/NozzleHeadRound	PE/PP	0%	Yes	No	0,0016	0,026	0,11	
	TUBE 5L	20003303	C-PE-D22-StdTube-5L/NozzleHeadRound	PE/EVOH/PP	0%	Yes	No	0,0016	0,026	0,11	
	TUBE 1L PCR	20003304	C-PE-D22-Tube-1L-50%rPE/Cap35%rPP	rPE/ rPP	31%	Yes	No	0,0014	0,023	0,33	
	TUBE 5L PCR	20003305	C-PE-D22-Tube-5L-50%rPE/Cap35%rPP	rPE/EVOH/ rPP	31%	Yes	No	0,0014	0,023	0,33	

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## NOZZLE HEAD ROUND TUBE D25



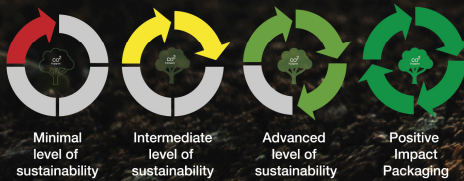
Score		LCA		Input			Environmental indicators		Circularity		
PIP Rating	Product type	Item code PTU0025CNHT	Catalogue description	Material	Recycled content %	Renewable energy	Manufactured in EMEA	Water use volume (kL H2O) target 0	Carbon Footprint (kg CO2 eq) target 0	Circularity index target 1	Sustainable attributes
	TUBE 1L	20000648	C-PE-D25-StdTube-1L/NozzleHeadRound	PE/PP	0%	Yes	No	0,0022	0,036	0,11	
	TUBE 5L	20003306	C-PE-D25-StdTube-5L/NozzleHeadRound	PE/EVOH/PP	0%	Yes	No	0,0022	0,036	0,11	
	TUBE 1L PCR	20003307	C-PE-D25-Tube-1L-50%rPE/Cap35%rPP	rPE/ rPP	31%	Yes	No	0,0019	0,031	0,37	
	TUBE 5L PCR	20003308	C-PE-D25-Tube-5L-50%rPE/Cap35%rPP	rPE/EVOH/ rPP	31%	Yes	No	0,0019	0,031	0,37	

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