CLIMATE DECLARATION FOR SEALING COLLARS - GREEN

Declared unit: 1 unit of product

The climate declaration presents the greenhouse gas emissions of the product, expressed as kg CO2-equivalents (GWP100). The results are based on a life cycle assessment (LCA) performed in accordance with ISO 14025

Information about the product

The sealing collar reliably seals the pipe-to-concrete transition of smooth and corrugated pipes against water under pressure and radon ingress.

Information about the company

Lauridsen Handel & Import A/S has more than 30 years of experience as a manufacturer and service provider and is one of Denmark's leading suppliers to the wastewater- and roadwork market. Through wholesalers, timber merchants and hardware stores, we distribute products that meet people's very basic needs. Without necessarily being aware of it. Several of our products are hidden behind walls, under floors, roads, parking lots etc.

With us as a business partner, you always get the best solutions for wastewater management. We are always ready to help builders, architects, engineers, contractors and sewers with calculations, dimensions, guidance, and some of the best products on the market.

System boundary

The system boundary for this study is defined as cradle-to-gate (modules A1–A3). The assessment includes raw material extraction and processing (A1), transportation of materials from suppliers to the manufacturing site in Denmark (A2), and manufacturing processes at the production facility (A3).

The system boundary therefore covers all processes from raw material extraction through production until the finished product leaves the factory gate.

Primary data for manufacturing processes and transportation distances are based on information provided by the company and its suppliers. Background data for upstream processes are based on secondary LCA databases.

Climate declaration

This climate declaration addresses only the climate impact of the product, expressed as global warming potential (GWP100). Other environmental, social, and economic impacts are not assessed in this study.

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The diagram below shows the carbon footprint of the product expressed as kg CO2-equivalents (GWP100).

The product range global warming: kg CO2-eq. per unit.

Product number	Specifications	GWP100 (A1-A3) kg CO2-eq./ unit
192720025	Ø25-25mm	0,47
192720032	Ø31-32mm	0,47
192720040	Ø39-42mm	0,71
192720050	Ø48-53mm	0,77
192720063	Ø61-64mm	0,95
192720075	Ø72-80mm	1,01
192720090	Ø87-92mm	1,18
192720111	Ø107-115mm - Eco	0,77
192720126	Ø122-130mm - Eco	0,86
192720140	Ø137-147mm	1,78
192720161	Ø157-170mm - Eco	1,07
192720170	Ø167-177mm	1,95
192720180	Ø177-187mm	2,07
192720201	Ø197-207mm - Eco	2,22
192720225	Ø220-230mm	2,43
192720250	Ø245-260mm	2,66
192720280	Ø275-290mm	3,02
192720315	Ø310-324mm	3,26
192720355	Ø350-365mm	4,14
192720400	Ø395-410mm	4,44
192720500	Ø495-510mm	6,36

LCA modelling software: Ecochain
Background database: Ecoinvent v 3.9 (cut-off system model).
Validity: 2030-10-01