

# Product Carbon Footprint

**LDPE Mailing bag**  
SR Mailing Ltd

## LDPE Mailing bag

ClimatePartner calculated the carbon emissions generated by one kilogram of a *LDPE Mailing bag* on behalf of SR Mailing Ltd based on the „Greenhouse Gas Protocol Product Life Cycle Accounting and Reporting Standard“ (GHG Protocol).

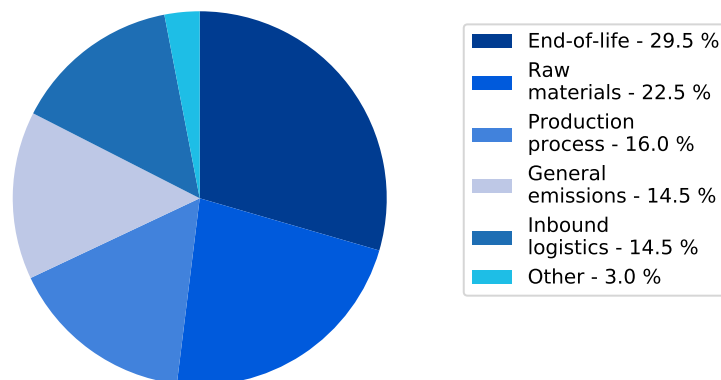
For the calculation, the “cradle-to-customer plus waste” approach was used, meaning that the life cycle phases included are the extraction of raw materials and packaging, relevant logistics, manufacturing, delivery to the customer, and the disposal of the product and its packaging.

Product details	Value	
Unit weight [kg]	1.0	

Overview	Emissions (g CO <sub>2</sub> )	Share (%)
General emissions	362.0	14.5
Production process	400.0	16.0
Raw materials	560.0	22.5
Packaging	20.6	0.8
Inbound logistics	360.7	14.5
Outbound logistics	55.1	2.2
End-of-life	735.9	29.5
<b>Subtotal*</b>	<b>2,494.3</b>	<b>100.0</b>

### Share of carbon emissions



\* When offsetting emissions, a safety margin of 10 % is applied to the carbon footprint. This covers uncertainty in the data used for calculating the carbon footprint, which occurs naturally through database values, assumptions and estimations taken. This approach ensures that all emissions are compensated within the defined system boundaries. The quantity of carbon emissions to be offset amounts to 2,743.7 g CO<sub>2</sub>.



## LDPE Mailing bag

With a quantity of 1,000 kilograms, CO<sub>2</sub>-emissions amount to 2,494.3 kg CO<sub>2</sub>.  
This is equivalent to...



...a distance of  
**7,746**  
km by car



...a total amount of  
**2,682**  
washing cycles at 60°C



...the carbon sequestration of  
**200**  
beech trees

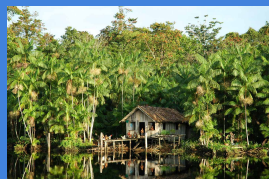
### Climate neutrality through carbon offset projects

By supporting internationally recognized carbon offset projects, the generated emissions can be offset and the product can be promoted as climate neutral.

#### Hydropower, D.R. Congo



#### Forest protection, Brazil



#### Clean cookstoves, Rwanda



#### Clean cook stoves, Peru



These and other projects can be found here: [www.climate-project.com](http://www.climate-project.com)

### The climate neutral label

The climate neutral label makes climate neutral products recognizable. The offset of the respective emissions can be tracked via the unique ID number and is confirmed by a certificate. ClimatePartner guarantees transparency with this clear labeling system in combination with a TÜV-Austria certified IT solution. (Certification no.: T42901 02005531)



# Improving lives

## About ClimatePartner

ClimatePartner is a solutions provider in corporate climate protection and helps clients calculate, reduce, and offset carbon emissions. This renders products and companies climate neutral.

ClimatePartner was founded in Munich in 2006 and has 140 employees who advise about 3,000 customers.

## Impressum

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