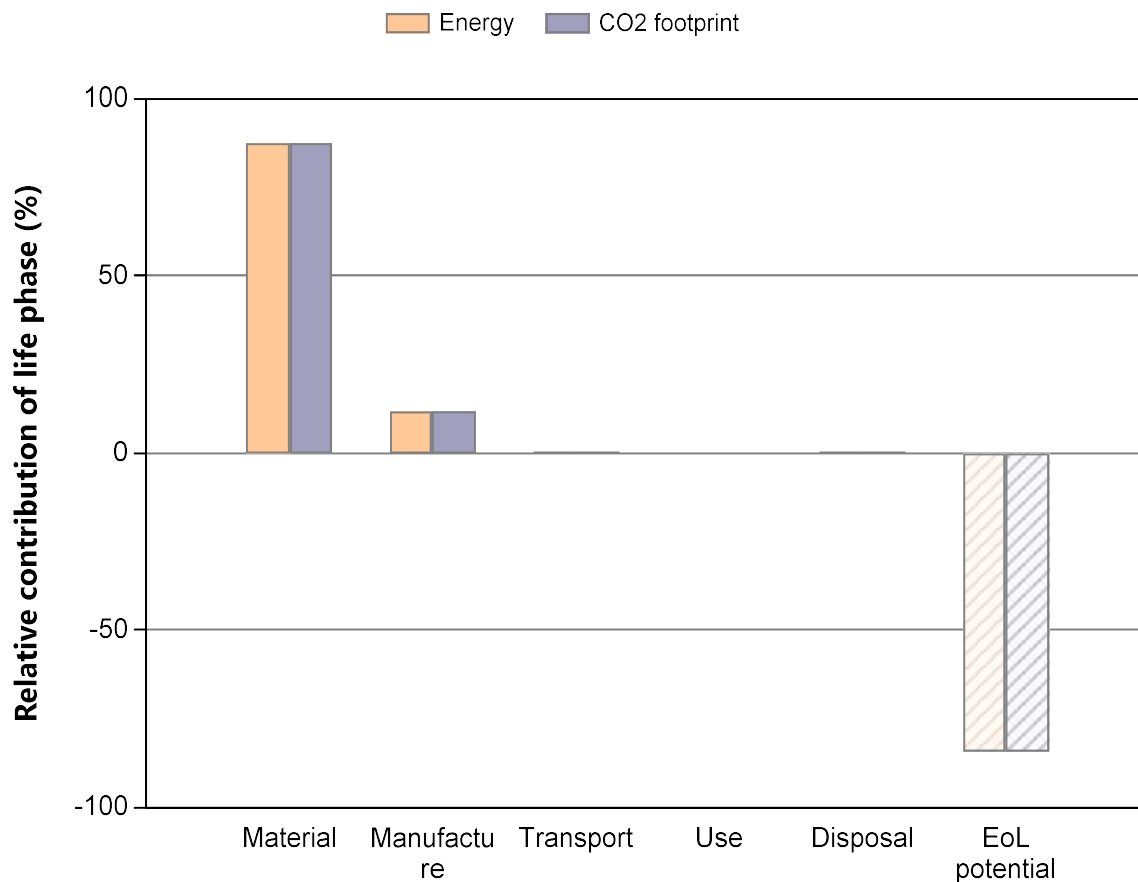


Eco Audit Report

Product name RVS shackle
Country of use World
Product life (years) 10

Summary:



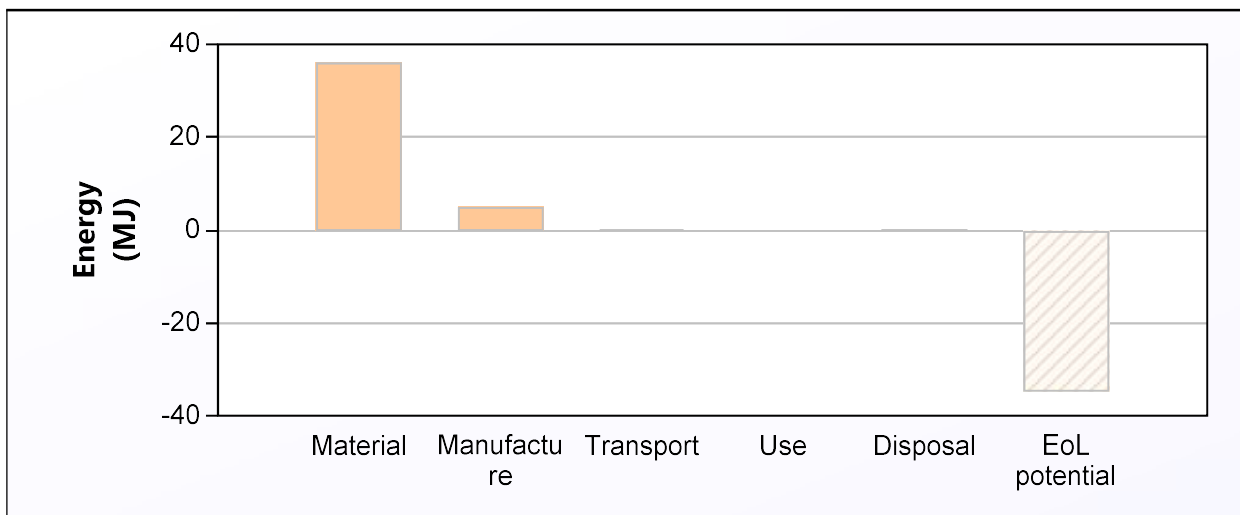
[Energy details](#)

[CO2 footprint details](#)

Phase	Energy (MJ)	Energy (%)	CO2 footprint (kg)	CO2 footprint (%)
Material	36,3	87,7	2,72	87,7
Manufacture	4,96	12,0	0,372	12,0
Transport	0,0275	0,1	0,00198	0,1
Use	0	0,0	0	0,0
Disposal	0,1	0,2	0,007	0,2
Total (for first life)	41,4	100	3,1	100
End of life potential	-34,8		-2,61	

Energy Analysis

[Summary](#)



	Energy (MJ/year)
Equivalent annual environmental burden (averaged over 10 year product life):	4,14

Detailed breakdown of individual life phases

Material:

[Summary](#)

Component	Material	Recycled content* (%)	Part mass (kg)	Qty.	Total mass (kg)	Energy (MJ)	%
RVS shackle	Stainless steel	Virgin (0%)	0,5	1	0,5	36	100,0
Total				1	0,5	36	100

*Typical: Includes 'recycle fraction in current supply'

Manufacture:

[Summary](#)

Component	Process	Amount processed	Energy (MJ)	%
RVS shackle	Extrusion, foil rolling	0,5 kg	5	100,0
Total			5	100

Transport:

[Summary](#)

Breakdown by transport stage

Stage name	Transport type	Distance (km)	Energy (MJ)	%
Marel dongen to Boxmeer	26 tonne (3 axle) truck	50	0,028	100,0
Total		50	0,028	100

Breakdown by components

Component	Mass (kg)	Energy (MJ)	%
RVS shackle	0,5	0,028	100,0
Total	0,5	0,028	100

Use:

[Summary](#)

Relative contribution of static and mobile modes

Mode	Energy (MJ)	%
Static	0	
Mobile	0	
Total	0	100

Disposal:

[Summary](#)

Component	End of life option	Energy (MJ)	%
RVS shackle	Re-manufacture	0,1	100,0
Total		0,1	100

EoL potential:

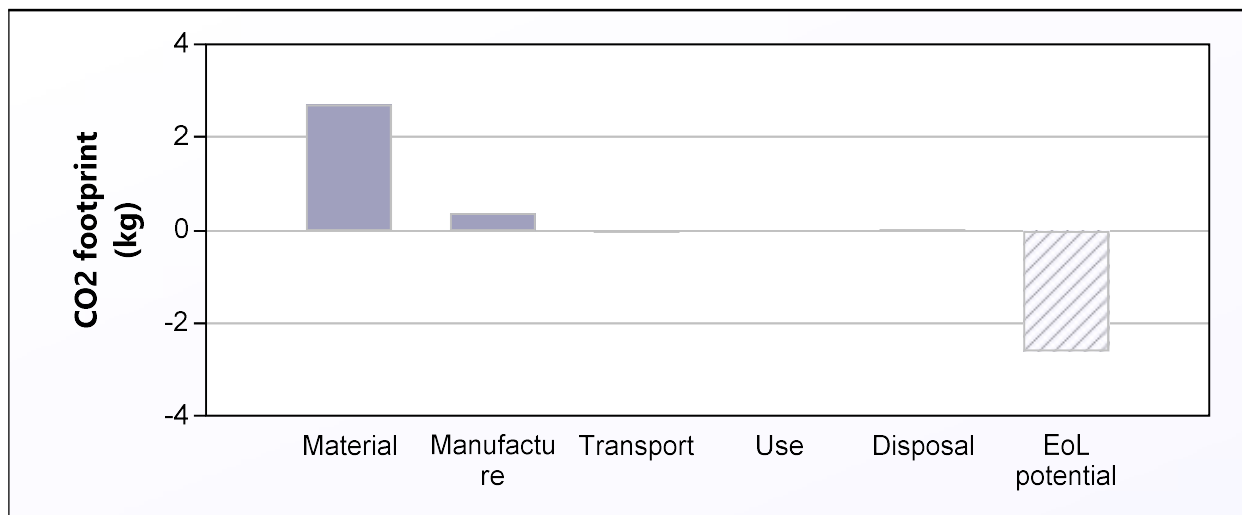
Component	End of life option	Energy (MJ)	%
RVS shackle	Re-manufacture	-35	100,0
Total		-35	100

Notes:

[Summary](#)

CO2 Footprint Analysis

[Summary](#)



	CO2 (kg/year)
Equivalent annual environmental burden (averaged over 10 year product life):	0,31

Detailed breakdown of individual life phases

Material:

[Summary](#)

Component	Material	Recycled content* (%)	Part mass (kg)	Qty.	Total mass (kg)	CO2 footprint (kg)	%
RVS shackle	Stainless steel	Virgin (0%)	0,5	1	0,5	2,7	100,0
Total				1	0,5	2,7	100

*Typical: Includes 'recycle fraction in current supply'

Manufacture:

[Summary](#)

Component	Process	Amount processed	CO2 footprint (kg)	%
RVS shackle	Extrusion, foil rolling	0,5 kg	0,37	100,0
Total			0,37	100

Transport:

[Summary](#)

Breakdown by transport stage

Stage name	Transport type	Distance (km)	CO2 footprint (kg)	%
Marel dongen to Boxmeer	26 tonne (3 axle) truck	50	0,002	100,0
Total		50	0,002	100

Breakdown by components

Component	Mass (kg)	CO2 footprint (kg)	%
RVS shackle	0,5	0,002	100,0
Total	0,5	0,002	100

Use:

[Summary](#)

Relative contribution of static and mobile modes

Mode	CO2 footprint (kg)	%
Static	0	
Mobile	0	
Total	0	100

Disposal:

[Summary](#)

Component	End of life option	CO2 footprint (kg)	%
RVS shackle	Re-manufacture	0,007	100,0
Total		0,007	100

EoL potential:

Component	End of life option	CO2 footprint (kg)	%
RVS shackle	Re-manufacture	-2,6	100,0
Total		-2,6	100

Notes:

[Summary](#)