

2 Factsheet Powertex PRS r-PET Round Sling

2.1 Product details

Product name: Powertex PRS r-PET Round Slings.

The product range currently consists of WLL 1t up to 5t and length variants from 1 to 6 meters.

2.2 Supplier details

Supplier name	(undisclosed)
Has the supplier signed the Axel Johnson International Code of Conduct?	Yes
Did the supplier pass the sustainability audit?	Yes
Last date of Sustainability Audit?	06-12-2022
Audit score	Medium-high performance
Audit conducted by	Axel Johnson International China
Products imported into the EU by	SCM Citra Oy Asessorinkatu 3-7, 20780 Kaarina, Finland

2.3 Sustainability Enhancements

What are the sustainability enhancements?

- 100% of the polyester is exchanged from virgin polyester to recycled polyester made from used and recycled PET bottles.
- The plastic wraps that come around each new product are replaced by cardboard wraps

How much better is the sustainability performance?

When choosing the r-PET variant of the Powertex PRS Round Sling, there is a 56% to 65% reduction in CO₂e from a cradle-to-gate perspective (detailed view below).

How is the improved performance substantiated?

A third party (2050 Consulting AB, Stockholm) did the research and subsequent CO₂e calculations in 2024 from a cradle-to-gate perspective, according to ISO 14067. For recycled material, the cut-off approach was used.

2.4 Calculations build-up example

The table below shows an example of the steps included in the calculations.

Process step	r-PET Round Sling 3t/3m	Virgin PET Round Sling 3t/3m
Granulate Production	0,36	4,23
Yarn Production	0,42	0,38
Manufacturing	0,98	0,96
Packaging	0,11	0,15
Transport	0,42	0,38
Total for the finished product	2,31	6,12
Total reduction (CO2e)	62%	

2.5 CO2e Reductions in kg and percentage for each product

Part code	Description	VIRGIN PET kg CO2e	r-PET kg CO2e	Reductions kg CO2e	Reductions
340100100100330	Roundsling Powertex 1 ton EWL 1.0 m r-PET	0,93	0,39	0,54	58%
340100100200330	Roundsling Powertex 1 ton EWL 2.0 m r-PET	1,71	0,75	0,96	56%
340100100250330	Roundsling Powertex 1 ton EWL 2.5 m r-PET	2,09	0,91	1,18	56%
340100100300330	Roundsling Powertex 1 ton EWL 3.0 m r-PET	2,53	1,12	1,41	56%
340100100400330	Roundsling Powertex 1 ton EWL 4.0 m r-PET	3,27	1,39	1,88	57%
340100200100330	Roundsling Powertex 2 ton EWL 1.0 m r-PET	1,56	0,60	0,96	61%
340100200200330	Roundsling Powertex 2 ton EWL 2.0 m r-PET	2,95	1,13	1,81	62%
340100200300330	Roundsling Powertex 2 ton EWL 3.0 m r-PET	4,29	1,61	2,67	62%
340100200400330	Roundsling Powertex 2 ton EWL 4.0 m r-PET	5,70	2,16	3,54	62%
340100200600330	Roundsling Powertex 2 ton EWL 6.0 m r-PET	8,28	3,03	5,25	63%
340100300100330	Roundsling Powertex 3 ton EWL 1.0 m r-PET	2,09	0,73	1,36	65%
340100300200330	Roundsling Powertex 3 ton EWL 2.0 m r-PET	4,02	1,42	2,60	65%
340100300300330	Roundsling Powertex 3 ton EWL 3.0 m r-PET	6,12	2,31	3,81	62%
340100300400330	Roundsling Powertex 3 ton EWL 4.0 m r-PET	8,01	2,95	5,06	63%
340100300600330	Roundsling Powertex 3 ton EWL 6.0 m r-PET	11,75	4,38	7,36	63%
340100500100330	Roundsling Powertex 5 ton EWL 1.0 m r-PET	3,49	1,24	2,25	65%
340100500200330	Roundsling Powertex 5 ton EWL 2.0 m r-PET	6,90	2,56	4,35	63%
340100500300330	Roundsling Powertex 5 ton EWL 3.0 m r-PET	9,94	3,51	6,43	65%
340100500400330	Roundsling Powertex 5 ton EWL 4.0 m r-PET	13,21	4,67	8,54	65%
340100500500330	Roundsling Powertex 5 ton EWL 5.0 m r-PET	16,44	5,81	10,63	65%