Lifting Solutions Group
Axel Johnson International

Round Sling Powertex PRS r-PET

Product information



Powertex Round slings PRS r-PET are made from high-strength **recycled** polyester (r-PET) yarn having a robust protective cover. Because it is made from r-PET yarn, this product **has up to 65% CO2 reduction*** compared to the standard PRS round sling.

Because of this sustainability enhancement, the product is approved for inclusion in Lifting Solution Group's Aspire range™. In November 2023, this product won the prestigious LEEA Sustainable Award.

Sustainability Fact Sheet Available (see tab documents drop-down menu)

Best used for

- Lifting loads where a flexible sling can conform closely to the load shape.
- Operations seeking a lower-carbon alternative to standard polyester round slings.

Not ideal for

- High-temperature, sharp-edge or strong-alkali environments where another sling type may be more suitable.

Product benefits

- Recycled polyester construction reduces CO2e emissions by up to 65%.*
- Durable protective cover helps protect the load-bearing polyester yarn.
- Color-coded by WLL for quick load capacity identification.
- Blue label shows WLL by connection method and lifting angle.
- Numeric serial number and barcode simplify registration and maintenance

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Material: Polyester (PES), high tenacity multifilament made from r-PET (recycled PET).
Marking: According to standard, CE-mark, UKCA-marked, The slings are provided with a blue label and a white warning label with Aspire range information on the back side.
Temperature range: -40°C up to +100°C
Standard: EN 1492-2
Note: Currently available in WLL 1t up to 5t and lengths 1 to 6 meter. Other variants on request
Warning: According to EN 1492-1:2000+A1:2008: D.3.7: Slings should be protected from edges, friction and abrasion, whether from the load or the lifting appliance. Where reinforcements and protection against damage from edges and/or abrasion is supplied as part of the sling, this should be correctly positioned. It may be necessary to supplement this with additional protection.

Safety factor: 7:1

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Technical data

Part code	WLL ton	EWL m	Colour	Weight kg	CO_2 e kg
340100100100330	1	1	Violet	0.35	0.39
340100100200330	1	2	Violet	0.7	0.75
340100100250330	1	2.5	Violet	0.85	0.91
340100100300330	1	3	Violet	1.05	1.12
340100100400330	1	4	Violet	1.3	1.39
340100200100330	2	1	Green	0.55	0.6
340100200200330	2	2	Green	1.05	1.13
340100200300330	2	3	Green	1.45	1.61
340100200400330	2	4	Green	1.95	2.16
340100200600330	2	6	Green	2.65	3.03
340100300100330	3	1	Yellow	0.6	0.73
340100300200330	3	2	Yellow	1.15	1.42
340100300300330	3	3	Yellow	2.05	2.31
340100300400330	3	4	Yellow	2.6	2.95
340100300600330	3	6	Yellow	3.7	4.38
340100500100330	5	1	Red	1.1	1.24
340100500200330	5	2	Red	2.4	2.56
340100500300330	5	3	Red	3.1	3.51
340100500400330	5	4	Red	4.1	4.67
340100500500330	5	5	Red	5.2	5.81

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