CERTEX | 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

... Read more

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
340100100050330	1	0.5	Violet	0.2	-
340100100080330	1	0.75	Violet	0.3	-
340100100100330	1	1	Violet	0.35	0.39
340100100150330	1	1.5	Violet	0.66	-
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
340100100500330	1	5	Violet	1.4	-
340100100600330	1	6	Violet	1.95	-
340100200050330	2	0.5	Green	0.3	-
340100200100330	2	1	Green	0.55	0.6
340100200150330	2	1.5	Green	0.75	-
340100200200330	2	2	Green	1.05	1.13
340100200250330	2	2.5	Green	1.3	-
340100200300330	2	3	Green	1.45	1.61
340100200400330	2	4	Green	1.95	2.16
340100200500330	2	5	Green	2.45	-
340100200600330	2	6	Green	2.65	3.03
340100300050330	3	0.5	Yellow	0.45	-
340100300100330	3	1	Yellow	0.6	0.73
340100300150330	3	1.5	Yellow	1.05	-
340100300200330	3	2	Yellow	1.15	1.42
340100300250330	3	2.5	Yellow	1.65	-
340100300300330	3	3	Yellow	2.05	2.31
340100300400330	3	4	Yellow	2.6	2.95
340100300500330	3	5	Yellow	3.2	-
340100300600330	3	6	Yellow	3.7	4.38
340100400100330	4	1	Grey	1.3	-
340100400150330	4	1.5	Grey	1.4	-
340100400200330	4	2	Grey	1.85	-

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340100400300330	4	3	Grey	2.45	-
340100400400330	4	4	Grey	3.65	-
340100400500330	4	5	Grey	4.35	-
340100400600330	4	6	Grey	5.45	-
340100500050330	5	0.5	Red	0.7	-
340100500100330	5	1	Red	1.1	1.24
340100500150330	5	1.5	Red	1.55	-
340100500200330	5	2	Red	2.4	2.56
340100500250330	5	2.5	Red	2.8	-
340100500300330	5	3	Red	3.1	3.51
340100500400330	5	4	Red	4.1	4.67
340100500500330	5	5	Red	5.2	5.81
340100500600330	5	6	Red	5.75	-
340100800200330	8	2	Blue	3.6	-
340100800300330	8	3	Blue	4.8	-
340100800400330	8	4	Blue	6.45	-
340100800500330	8	5	Blue	8.1	-
340100800600330	8	6	Blue	9.4	-
340101000200330	10	2	Orange	4.25	-
340101000300330	10	3	Orange	6.55	-
340101000400330	10	4	Orange	7.8	-
340101000500330	10	5	Orange	9.7	-

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