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


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