Lifting Solutions Group
Axel Johnson International

# Webbing Sling with Eyes Powertex PWE r-PET

**Product information**

Powertex Webbing sling with eyes PWE are made from high-strength**recycled** polyester (r-PET) yarn having folded and reinforced eyes as standard. Because it is made from r-PET yarn, **this product has up to 60% CO2 reduction*** compared to the standard PWE webbing sling.

Because of this sustainability enhancement, this product is approved to be part of 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 that benefit from broad, flat load contact.
- Operations seeking a lower-carbon alternative to standard polyester webbing 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 60%.*
- Double-layer solid-woven construction provides a strong, flat lifting surface.
- Folded, reinforced eyes include additional protection against connection-point wear.

... *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 1492-1
**Note:** 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 | Webbing width mm | $CO_2$ e kg | Colour | Weight kg | $CO_2$ e kg |
|---|---|---|---|---|---|---|---|
| 341100100100430 | 1 | 1 | 50 | 0.44 | Violet | 0.25 | 0.44 |
| 341100100200430 | 1 | 2 | 50 | 0.36 | Violet | 0.4 | 0.36 |
| 341100100300430 | 1 | 3 | 50 | 1 | Violet | 0.6 | 1 |
| 341100100400430 | 1 | 4 | 50 | 1.2 | Violet | 0.7 | 1.2 |
| 341100100600430 | 1 | 6 | 50 | 2 | Violet | 1.25 | 2 |
| 341100200100430 | 2 | 1 | 60 | 0.77 | Green | 0.45 | 0.77 |
| 341100200200430 | 2 | 2 | 60 | 1.2 | Green | 0.7 | 1.2 |
| 341100200300430 | 2 | 3 | 60 | 1.81 | Green | 1.1 | 1.81 |
| 341100200400430 | 2 | 4 | 60 | 2.48 | Green | 1.55 | 2.48 |
| 341100200600430 | 2 | 6 | 60 | 3.61 | Green | 2.25 | 3.61 |
| 341100300100430 | 3 | 1 | 90 | 1.27 | Yellow | 0.75 | 1.27 |
| 341100300200430 | 3 | 2 | 90 | 1.91 | Yellow | 1.1 | 1.91 |
| 341100300300430 | 3 | 3 | 90 | 2.72 | Yellow | 1.6 | 2.72 |
| 341100300400430 | 3 | 4 | 90 | 3.82 | Yellow | 2.35 | 3.82 |
| 341100300600430 | 3 | 6 | 90 | 5.16 | Yellow | 3 | 5.16 |

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