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	Colour	Weight kg	CO_2 e kg
341100100100430	1	1	50	Violet	0.25	0.44
341100100200430	1	2	50	Violet	0.4	0.36
341100100300430	1	3	50	Violet	0.6	1
341100100400430	1	4	50	Violet	0.7	1.2
341100200100430	2	1	60	Green	0.45	0.77
341100200200430	2	2	60	Green	0.7	1.2
341100200300430	2	3	60	Green	1.1	1.81
341100200400430	2	4	60	Green	1.55	2.48
341100300100430	3	1	90	Yellow	0.75	1.27
341100300200430	3	2	90	Yellow	1.1	1.91
341100300300430	3	3	90	Yellow	1.6	2.72
341100300400430	3	4	90	Yellow	2.35	3.82

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