



Webbing Sling - Powertex - Recycled Polyester

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)

The PWE r-PET slings are color coded for quick and easy identification of the Working Load Limit.

- Safe – All Powertex PWE r-PET slings are made from high-strength recycled polyester and tested in accordance with EN 1492-1
- Flat woven, double-lay webbing made in solid weaving
- Eyes are folded and equipped with additional wear protection
- Each sling carry a blue label giving the correct WLL for different load connection methods and angles
- Each sling is marked with a unique serial number for safe sling registration
- Year/Month calendar printed on the label where the next inspection date can be marked or punched
- Printing on the blue label is protected by an additional transparent plastic layer for long life
- All slings carry a white label showing a pictogram with important user warning instructions
- QR code for on-site access to Multilanguage user manuals
- Test certificate and Declaration of Conformity enclosed with each sling

Chemical resistance: Resistant to most acids, but not strong alkalizes.

Stretch at working load: 2-3%.

Length tolerance: Nominal length (EWL) $\pm 2\%$.

*A 3rd party climate LCA with a cradle-to-gate perspective according to ISO14067 has shown that our r-PET webbing slings have up to 60% fewer CO2 emissions than our standard product. This means that our products are not only better for the environment but also make a positive contribution to reducing CO2 emissions.

Comment for 1t webbing slings: We are currently changing the webbing width from 50 to 30 mm. During the transition phase, we will supply 1t webbing slings with either 50 mm or 30 mm webbing.

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 1492-1

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

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
341100100600430	1	6	50	Violet	1.25	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
341100200600430	2	6	60	Green	2.25	3.61
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
341100300600430	3	6	90	Yellow	3	5.16