Endless Webbing Sling Powertex PWS

Product information



The Powertex PWS endless webbing sling is a flat woven polyester lifting sling for general industrial lifting applications. Made from high-strength polyester yarn and tested in accordance with EN 1492-1, it combines defined load capacity with clear identification and traceability for routine lifting operations.

Only standard slings with full ton WLL are shown in the chart, but PWS slings can be delivered with any WLL and length on request.

Best used for

- Lifting loads where flat webbing provides a broad contact area.
- Handling surfaces where softer polyester is preferable to chain or steel wire rope.

Not ideal for

- High-temperature, sharp-edge, or strong-alkali environments where other products may be more suitable.

Product benefits

- Colour-coded by WLL for quick load capacity identification.
- Blue label shows WLL by connection method and lifting angle.
- Unique serial number supports sling registration and traceability.
- Inspection calendar on the label helps record and manage the next inspection date.
- Warning pictograms provide essential user instructions directly on the sling.
- QR code provides on-site access to multilingual user manuals.
- Tested in accordance with EN 1492-1 for documented lifting performance.
- Available with custom WLL and length on request.

Chemical resistance: Resistant to most acids, but not strong alkalizes.
Stretch at working load: 2-3%

... *Read more*

Material: Polyester
Marking: According to standard, CE-mark, Powertex, WLL, EWL, manufacturing year, batch number, sling's unique serial number, QR code, Inspection calendar, user warning instructions
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.

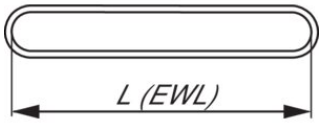
Safety factor: 7:1

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Blueprint



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Lifting table

Part code	EWL m	WLL ton	Webbing width mm	Colour
341100100050210	0.5	1	30	Violet
341100100080210	0.75	1	30	Violet
341100100100210	1	1	30	Violet
341100100150210	1.5	1	30	Violet
341100100200210	2	1	30	Violet
341100100250210	2.5	1	30	Violet
341100100300210	3	1	30	Violet
341100100400210	4	1	30	Violet
341100100500210	5	1	30	Violet
341100100600210	6	1	30	Violet
341100200050210	0.5	2	60	Green
341100200080210	0.75	2	60	Green
341100200100210	1	2	60	Green
341100200150210	1.5	2	60	Green
341100200200210	2	2	60	Green
341100200250210	2.5	2	60	Green
341100200300210	3	2	60	Green
341100200400210	4	2	60	Green
341100200500210	5	2	60	Green
341100200600210	6	2	60	Green
341100300050210	0.5	3	90	Yellow
341100300080210	0.75	3	90	Yellow
341100300100210	1	3	90	Yellow
341100300150210	1.5	3	90	Yellow
341100300200210	2	3	90	Yellow

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