Round Sling Powertex PRS

Product information



The Powertex PRS round sling is a polyester lifting sling with a durable protective cover for general industrial lifting applications. Made from high-strength polyester yarn and tested in accordance with EN 1492-2, it provides clear WLL identification and practical features for inspection and traceability.

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

Best used for

- Lifting loads where a flexible sling can conform closely to the load shape.
- Handling delicate surfaces where softer polyester is preferable to chain or steel wire rope.

Not ideal for

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

Product benefits

- Colour-coded by WLL for quick load capacity identification.
- Durable protective cover helps protect the load-bearing polyester yarn.
- Blue label shows WLL by connection method and lifting angle.
- Numeric serial number and barcode simplify registration and maintenance.
- Inspection calendar on the label helps manage and document the next inspection date.
- Protected label printing improves readability over repeated industrial use.
- QR code provides on-site access to multilingual user manuals.
- Tested in accordance with EN 1492-2 for documented lifting performance.

Chemical resistance: Resistant to most acids, but not strong alkalize… *Read more*

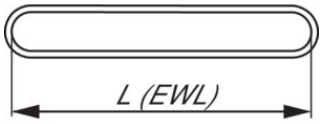
Material: Polyester
Marking: According to standard, CE-mark, UKCA-marked, Powertex, WLL, EWL, manufacturing year, batch number, sling's unique serial number, QR code, Inspection calendar, user warning instructions
Temperature range: -40°C up to +100°C.
Standard: EN 1492-2
Note: According to EN 1492-2:2000+A1:2008: D.3.6: 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



Lifting table

Part code	WLL ton
340100100050150	1
340100100080150	1
340100100100150	1
340100100150150	1
340100100200150	1
340100100250150	1
340100100300150	1
340100100400150	1
340100100500150	1
340100100600150	1
340100200050150	2
340100200100150	2
340100200150150	2
340100200200150	2
340100200250150	2
340100200300150	2
340100200400150	2
340100200500150	2
340100200600150	2
340100300050150	3
340100300100150	3
340100300150150	3

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Lifting table

Part code	WLL ton
340100300200150	3
340100300250150	3
340100300300150	3
340100300400150	3
340100300500150	3
340100300600150	3
340100400100150	4
340100400150150	4
340100400200150	4
340100400300150	4
340100400400150	4
340100400500150	4
340100400600150	4
340100500050150	5
340100500100150	5
340100500150150	5
340100500200150	5
340100500250150	5
340100500300150	5
340100500400150	5
340100500500150	5
340100500600150	5
340100600200150	6
340100600300150	6
340100600400150	6
340100600500150	6
340100600600150	6
340100800100150	8
340100800200150	8
340100800300150	8
340100800400150	8

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Lifting table

Part code	WLL ton
340100800500150	8
340100800600150	8
340101000200150	10
340101000300150	10
340101000400150	10
340101000500150	10
340101000600150	10
340101500200150	15
340101500300150	15
340101500400150	15
340101500500150	15
340101500600150	15
340101500800150	15
340101501000150	15
340102000200150	20
340102000300150	20
340102000400150	20
340102000500150	20
340102000600150	20
340102000800150	20
340102001000150	20
340103000200150	30
340103000300150	30
340103000400150	30
340103000500150	30
340103000600150	30
340103000800150	30
340103001000150	30

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