Lifting Solutions Group
Axel Johnson International

Roundsling Powertex PRS with RFID

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.
- Operations using RFID-based identification for sling inspection and asset management.

Not ideal for

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

Product benefits

- Integrated RFID chip enables electronic sling identification and registration.
- 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 industria ... *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 1492-2
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.

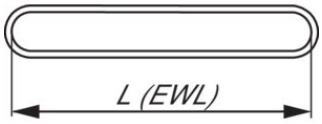
Safety factor: 7:1

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Roundsling Powertex PRS with RFID

Blueprint



Technical data

Part code	WLL ton	EWL m	Colour	Textile Lifting Feature
340100100050351	1	0.5	Violet	RFID
340100100100351	1	1	Violet	RFID
340100100150351	1	1.5	Violet	RFID
340100100200351	1	2	Violet	RFID
340100100250351	1	2.5	Violet	RFID
340100100300351	1	3	Violet	RFID
340100100350351	1	3.5	Violet	RFID
340100100400351	1	4	Violet	RFID
340100100500351	1	5	Violet	RFID
340100100600351	1	6	Violet	RFID
340100100800351	1	8	Violet	RFID
340100101000351	1	10	Violet	RFID
340100101200351	1	12	Violet	RFID
340100200050351	2	0.5	Green	RFID
340100200100351	2	1	Green	RFID
340100200150351	2	1.5	Green	RFID
340100200200351	2	2	Green	RFID
340100200250351	2	2.5	Green	RFID
340100200300351	2	3	Green	RFID
340100200350351	2	3.5	Green	RFID
340100200400351	2	4	Green	RFID
340100200500351	2	5	Green	RFID

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Roundsling Powertex PRS with RFID

Technical data

Part code	WLL ton	EWL m	Colour	Textile Lifting Feature
340100200600351	2	6	Green	RFID
340100200800351	2	8	Green	RFID
340100201200351	2	12	Green	RFID
340100300100351	3	1	Yellow	RFID
340100300150351	3	1.5	Yellow	RFID
340100300200351	3	2	Yellow	RFID
340100300250351	3	2.5	Yellow	RFID
340100300300351	3	3	Yellow	RFID
340100300400351	3	4	Yellow	RFID
340100300500351	3	5	Yellow	RFID
340100300600351	3	6	Yellow	RFID
340100300800351	3	8	Yellow	RFID
340100301000351	3	10	Yellow	RFID
340100301200351	3	12	Yellow	RFID
340100301500351	3	15	Yellow	RFID
340100500100351	5	1	Red	RFID
340100500150351	5	1.5	Red	RFID
340100500200351	5	2	Red	RFID
340100500250351	5	2.5	Red	RFID
340100500300351	5	3	Red	RFID
340100500400351	5	4	Red	RFID
340100500500351	5	5	Red	RFID
340100500600351	5	6	Red	RFID
340100500800351	5	8	Red	RFID
340100501000351	5	10	Red	RFID
340100800100351	8	1	Blue	RFID
340100800150351	8	1.5	Blue	RFID
340100800200351	8	2	Blue	RFID
340100800250351	8	2.5	Blue	RFID
340100800300351	8	3	Blue	RFID
340100800400351	8	4	Blue	RFID

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Technical data

Part code	WLL ton	EWL m	Colour	Textile Lifting Feature
340100800500351	8	5	Blue	RFID
340100800600351	8	6	Blue	RFID
340100800800351	8	8	Blue	RFID
340100801000351	8	10	Blue	RFID
340100801200351	8	12	Blue	RFID
340101000100351	10	1	Orange	RFID
340101000150351	10	1.5	Orange	RFID
340101000200351	10	2	Orange	RFID
340101000250351	10	2.5	Orange	RFID
340101000300351	10	3	Orange	RFID
340101000400351	10	4	Orange	RFID
340101000500351	10	5	Orange	RFID
340101000600351	10	6	Orange	RFID
340101000800351	10	8	Orange	RFID
340101001000351	10	10	Orange	RFID
340101001200351	10	12	Orange	RFID
340101001500351	10	15	Orange	RFID
340101200200351	12	2	Orange	RFID
340101200300351	12	3	Orange	RFID
340101200400351	12	4	Orange	RFID
340101200500351	12	5	Orange	RFID
340101200600351	12	6	Orange	RFID
340101200800351	12	8	Orange	RFID
340101500100351	15	1	Orange	RFID
340101500150351	15	1.5	Orange	RFID
340101500200351	15	2	Orange	RFID
340101500300351	15	3	Orange	RFID
340101500400351	15	4	Orange	RFID
340101500500351	15	5	Orange	RFID
340101500600351	15	6	Orange	RFID
340101500700351	15	7	Orange	RFID

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Part code	WLL ton	EWL m	Colour	Textile Lifting Feature
340101500800351	15	8	Orange	RFID
340101501000351	15	10	Orange	RFID
340101501200351	15	12	Orange	RFID
340101501500351	15	15	Orange	RFID

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