



## Round Sling Powertex PRS r-PET

### Product information



Powertex Round slings PRS r-PET are made from high-strength **recycled** polyester (r-PET) yarn having a robust protective cover. Because it is made from r-PET yarn, this product **has up to 65% CO2 reduction\*** compared to the standard PRS round 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 PRS r-PET slings are color coded for quick and easy identification of the Working Load Limit (WLL).

- Safe – All Powertex PRS r-PET slings are made from high-strength recycled polyester and tested in accordance with EN 1492-2
- Durable protective cover
- Each sling carries 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
- Serial number is expressed both in a numeric format as well as Barcode for quick registration and maintenance
- 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 round 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 round slings have up to 65% less CO2e 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.

**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 1492-2

**Note:** Currently available in WLL 1t up to 5t and lengths 1 to 6 meter. Other variants on request

**Warning:** 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	Colour	CO <sub>2</sub> e kg	Weight kg
340100100100330	1	1	Violet	0.39	0.35
340100100200330	1	2	Violet	0.75	0.7
340100100250330	1	2.5	Violet	0.91	0.85
340100100300330	1	3	Violet	1.12	1.05
340100100400330	1	4	Violet	1.39	1.3
340100200100330	2	1	Green	0.6	0.55
340100200200330	2	2	Green	1.13	1.05
340100200300330	2	3	Green	1.61	1.45
340100200400330	2	4	Green	2.16	1.95
340100200600330	2	6	Green	3.03	2.65
340100300100330	3	1	Yellow	0.73	0.6
340100300200330	3	2	Yellow	1.42	1.15
340100300300330	3	3	Yellow	2.31	2.05
340100300400330	3	4	Yellow	2.95	2.6
340100300600330	3	6	Yellow	4.38	3.7
340100500100330	5	1	Red	1.24	1.1
340100500200330	5	2	Red	2.56	2.4
340100500300330	5	3	Red	3.51	3.1
340100500400330	5	4	Red	4.67	4.1
340100500500330	5	5	Red	5.81	5.2