



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 | Weight kg |
|-----------------|------------|----------|--------|--------------|
| 340100100100330 | 1 | 1 | violet | 0.35 |
| 340100100200330 | 1 | 2 | violet | 0.7 |
| 340100100250330 | 1 | 2.5 | violet | 0.85 |
| 340100100300330 | 1 | 3 | violet | 1.05 |
| 340100100400330 | 1 | 4 | violet | 1.3 |
| 340100200100330 | 2 | 1 | Green | 0.55 |
| 340100200200330 | 2 | 2 | Green | 1.05 |
| 340100200300330 | 2 | 3 | Green | 1.45 |
| 340100200400330 | 2 | 4 | Green | 1.95 |
| 340100200600330 | 2 | 6 | Green | 2.65 |
| 340100300100330 | 3 | 1 | Yellow | 0.6 |
| 340100300200330 | 3 | 2 | Yellow | 1.15 |
| 340100300300330 | 3 | 3 | Yellow | 2.05 |
| 340100300400330 | 3 | 4 | Yellow | 2.6 |
| 340100300600330 | 3 | 6 | Yellow | 3.7 |
| 340100500100330 | 5 | 1 | Red | 1.1 |
| 340100500200330 | 5 | 2 | Red | 2.4 |
| 340100500300330 | 5 | 3 | Red | 3.1 |
| 340100500400330 | 5 | 4 | Red | 4.1 |
| 340100500500330 | 5 | 5 | Red | 5.2 |