



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