

Round Slings

Our Roundslings are made to the ENSTD 1492-2, from 100% polyester load bearing internal yarns. A SEAMLESS polyester cover protects the load bearing yarns. Due to the tubular design of the protective cover, the Round sling is made without seams, which gives strength to the covering materials as it has no edges to contend with.

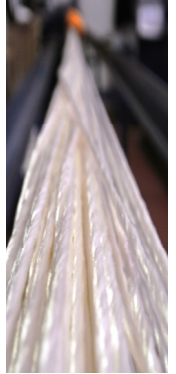
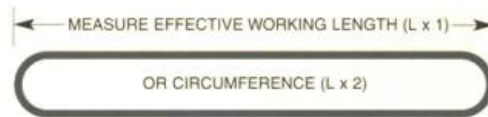
How they are made

The round slings load-bearing core is produced from high tenacity polyester yarn wound continuously to provide maximum strength with minimum weight. The outer cover is also manufactured from high tenacity polyester yarn for maximum abrasion resistance.

Each sling has a durable tag permanently attached. This tag contains load capacities and all information currently required by the various regulatory agencies.

How To Measure

(Please state EWL / Circ)



Single Skin — Con-

sists of a single sleeve covering the hank of yarn inside. This is the basic roundslings, W.L.L. from 500 kgs upwards.

sists of a single sleeve covering



Twin Skin — As above but this type has two sleeves and offers double protection. 1t, 2t, 3t, 5t and 8t capacities are available.












Single, two leg & four leg slings can be made, we can use customers own fittings or supply them ourselves.



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Round Slings

Slings are colour coded according to tonnage.

Colour coded according to EN1492-2	Working Load Limit with 1 round sling							Working Load Limit with 2 round slings			
	Straight lift	Choked lift	0-7	β				Straight lift up to 45	Choked lift up to 45	Straight lift 45-60	Choked lift 45-60
				0-7	7-45	45-60	45-60				
											
1.0	0.8	2.0	1.4	1.0	0.7	0.5	1.4	1.12	1.0	0.8	
WLL 1T	1.000	800	2.000	1.400	1.000	700	500	1.400	1.120	1.000	800
WLL 2T	2.000	1.600	4.000	2.800	2.000	1.400	1.000	2.800	2.240	2.000	1.600
WLL 3T	3.000	2.400	6.000	4.200	3.000	2.100	1.500	4.200	3.360	3.000	2.400
WLL 4T	4.000	3.200	8.000	5.600	4.000	2.800	2.000	5.600	4.480	4.000	3.200
WLL 5T	5.000	4.000	10.000	7.000	5.000	3.500	2.500	7.000	5.600	5.000	4.000
WLL 6T	6.000	4.800	12.000	8.400	6.000	4.200	3.000	8.400	6.720	6.000	4.800
WLL 8T	8.000	6.400	16.000	11.200	8.000	5.600	4.000	11.200	8.960	8.000	6.400
WLL 10T	10.000	8.000	20.000	14.000	10.000	7.000	5.000	14.000	11.200	10.000	8.000
WLL 12T	12.000	9.600	24.000	16.800	12.000	8.400	6.000	16.800	13.440	12.000	9.600

PHYSICAL AND CHEMICAL CHARACTERISTICS OF:-

(MULTIFILAMENT)

MOISTURE ABSORPTION:
 MELTING POINT:
 ELONGATION AT BREAK
 WORKING TEMPERATURE:
 ELONGATION AT W.L.L.
 DIELECTRIC PROPERTIES:
 CORROSION:
 ACID RESISTANCE:
 ALKALI RESISTANCE:

POLYESTER

0.4%
 260 °C.
 12-15%
 - 40 °C.
 1-3%
 NONE CONDUCTING
 NONE
 RELATIVELY GOOD
 RELATIVELY POOR

Theatre Use
 Concerts
 Rigging

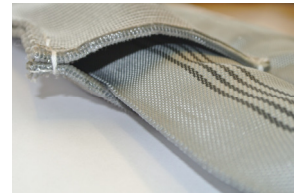
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Round Slings

Roundslings

When protecting a round sling we need to know what part of the sling needs covering - *single and double part*. See diagram

Single Part—covers the round sling continuously, cannot be removed. The protection is normally—webbing, .



Double Part—covers the round sling on both sides, can easily be removed. We have various types of protection available—webbing and Armourtex



Velcro sleeves are made from heavy duty webbing and have hook and loop strips stitched down one side. This sleeve is suitable for fast and easy attachment to a sling, they are most suited for slings with master links or other permanent fittings. The sleeves eliminate the need to return the sling back for a new sleeve to be fitted (provided the sling is ok)



Armourtex Sleeves can be added to a webbing sling (normally a duplex type) or a round sling where a safe lift procedure is required.

We supply a lot of our Armourtex sleeves for lifting steel coils, steel beams, concrete pipes and generally where the product being lifted is susceptible to damaging the sling and ultimately injuring the person doing the lift.

With safety in mind it is worth your peace of mind purchasing and using our Armourtex sleeves and definitely not an alternative method such as old pieces of carpet etc.



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Theatre Use
Concerts
Rigging

Other Plum-Altı Products

Lifting Slings

- Duplex
- Simplex
- Endless Web slings
- Roundslings

Lashing Restraint Systems

- 25 mm
- 35mm
- 50mm
- 75mm

Armourtex Polyurethane “Anti Cutting” Protection

- Chain
- Wire Protection
- Fork Shoes

Height Safety Systems / PPE

- Arborists
- Scaffolding
- Offshore
- Fire Fighting
- Utilities & Renewable Energies

Entertainment Industry

- Polyester Roundslings
- “Soft Steel” Roundslings
- Lashing Systems
- Sit Harnesses
- Lanyards

Theatre Use

Concerts

Rigging

The logo for PLUMALTI, featuring the word in a bold, red, 3D block font with a white outline and a slight shadow effect, set against a white background.