

Introduction to Round Slings

GPT-RS-0033 - Polyester round sling

Polyester round sling with two ply woven heavy sleeve

Technical specifications

- Colour coded according to EN 1492-2 & AS 4497
- Capacity stripes; each stripe is equal to 1 tonne capacity.
- The safe working load is clearly and continuously printed on the sleeve.
- Extra strong PU-impregnated webbing of the sleeve, which does not allow dirt to enter.
- Each sling is packed in plastic with CE declaration of conformity or Test Certificate.
- Black round slings are also available in 2t capacity



Characteristics & Norms :

- Low elongation.
- Extremely wear-resistant.
- According to Machinery Directive 2006/42/EC, EN 1492-2 & AS 4497
- Safety Factor: 7:1

Round slings are an all-purpose lifting sling enabling a strong and non-damaging lift of a load. They are extremely light weight and flexible in multiple directions, allowing easy and quick manipulation even when fragile loads are being lifted. Round slings are a continuous loop made from polyester yarn encased in a sleeve of polyester fabric. The sleeve is constructed, so that it protects the internal rows of yarn filament and keeps them in a parallel formation at all times. The yarn fibre (core) is free to spread out where the round sling is in contact with its load. This provides a broad support, which cushions the load against damage and reduces slipping. The low stretch characteristics of the polyester yarn also prevent 'load bounce' when lifting.

Color Code	Working Load Limit with 1 Round Sling							Working Load Limit with 2 Round Slings			
	Straight Lift	Chocked Lift	0-7	β				Straight Lift up to 45	Chocked Lift up to 45	Straight Lift up to 45-60	Chocked Lift up to 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	1.200	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	13.400	12.000	9.600

