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Full Inspection RoundSling Technology

The Inspectable Roundsling®



U.S. Patent # 7,592,617 • Canadian Patent # 2,614,374 • Australian Patent # 2006259277 ©2013 First Sling.

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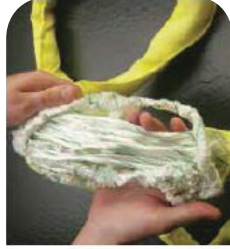
FIRST® Polyester Roundslings

FP Synthetic *Inspectable*® Polyester RoundSlings offer the traditional versatility of old style opaque roundslings such as flexibility, load stability and shifting or rotation of wear points. **FIRST**® manufacturers now offer **FIRST**® Polyester RoundSlings with advanced capacities and identification systems. Now riggers can take advantage of the most unique and only true inspection system.

The transparent cover embodies and protects without prohibiting a visual inspection of the working roundsling, the load bearing core yarns!



Cover in Good Condition



Sling Overload Failure

This opaque sling with a vertical rating of 8400 lbs 5:1 DF was pulled to destruction, “failed” at a load beyond 42,000 lbs. However the cover was in “like new” condition. Seven out of eight qualified persons inspecting the sling did NOT reject it after a visual and hand over hand inspection.

After opening the cover it is obvious that there is severe damage and the sling should have been rejected immediately!

FIRST
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U.S. Patent #7,475,926 • Canadian Patent #2,614,374 • Australian Patent #2006259277 ©2013 First Sling.

⚠ WARNING! Do not exceed a sling's rated lifting capacity. All users must be trained in sling selection and inspection and rigging practices.



Design Factor 5:1 Rated Capacity In Pounds

Code No	Vertical	Choker	90° Basket	60° Basket	45° Basket	Approximate Measurements		
						Body Diameter Inches	Connection Hardware Min. Dia. Inches	Sling Width at Load Inches
FP 30	3,000	2,400	6,000	5,100	4,200	0.75	0.50	0.62
FP 40	4,000	3,200	8,000	6,800	5,600	0.80	0.50	0.62
FP 60	6,000	4,800	12,000	10,200	8,400	0.90	0.62	0.88
FP 90	9,000	7,200	18,000	15,300	12,600	1.00	0.75	1.00
FP 120	12,000	9,600	24,000	20,400	16,800	1.25	0.88	1.25
FP 140	14,000	11,200	28,000	23,800	19,600	1.30	1.00	1.38
FP 170	17,000	13,600	34,000	28,900	23,800	1.60	1.12	1.62
FP 230	23,000	18,400	46,000	39,100	32,200	1.65	1.25	1.75
FP 260	26,000	20,800	52,000	44,200	36,400	1.75	1.38	1.88
FP 320	32,000	25,600	64,000	54,400	44,800	2.15	1.50	2.00
FP 400	40,000	32,000	80,000	68,000	56,000	2.45	1.62	2.38
FP 540	54,000	43,200	108,000	91,800	75,600	3.00	1.88	2.75
FP 680	68,000	54,400	136,000	115,600	95,200	3.25	2.12	3.00
FP 900	90,000	72,000	180,000	153,000	126,000	3.75	2.50	3.50

FIRST® High Performance Roundslings



FHPZ High Performance Roundslings supply riggers with a consistent and reliable visual inspection. **FIRST®** – Full Inspection RoundSling Technology® – slings with a transparent **Clear Cover®** make inspection of the load bearing core yarns a reality. **Inspectable®** roundslings weigh less than an opaque sling of the same rated capacity. The breathable construction of the cover allows these slings to dry faster with improved resistance to mildew and rotting.

FHPZ's are repairable and eliminate unnecessary and costly repairs due to unreliable indicators. The Inspectable Roundsling®, a true advancement in lifting safety.

- ▶ A Full and Accurate Visual Inspection of Core Condition
- ▶ No Unnecessary and Costly Repairs - Repair of High Performance and Polyester Roundslings are Cost Effective
- ▶ **Permeability - Breathable, Dries Faster, Does Not Hold Water, Loses Weight Faster, Best Resistance To Mildew and Rotting**
- ▶ Superior Identification

Design Factor 5:1 Rated Capacity In Pounds

Code No	Vertical	Choker	90° Basket	60° Basket	45° Basket	Approximate Measurements			
						Body Diameter Inches	Connection Hardware Min. Dia. Inches	Width at Load Inches	Sling Weight per Foot Pounds
FHPZ 10	10,000	8,000	20,000	17,000	14,000	1,000	1,000	1.75	0.24
FHPZ 15	15,000	12,000	30,000	25,500	21,000	1,125	1,125	2.00	0.31
FHPZ 20	20,000	16,000	40,000	34,000	28,000	1,250	1,250	2.25	0.42
FHPZ 25	25,000	20,000	50,000	42,500	35,000	1,250	1,375	2.25	0.51
FHPZ 30	30,000	24,000	60,000	51,000	42,000	1,375	1,500	2.62	0.58
FHPZ 40	40,000	32,000	80,000	68,000	56,000	1,750	1,500	3.50	0.94
FHPZ 50	50,000	40,000	100,000	85,000	70,000	1,875	1,750	3.50	0.95
FHPZ 60	60,000	48,000	120,000	102,000	84,000	2,000	2,000	4.00	1.11
FHPZ 70	70,000	56,000	140,000	119,000	98,000	2,125	2,500	4.00	1.30
FHPZ 85	85,000	68,000	170,000	144,500	119,000	2,375	2,500	4.25	1.54
FHPZ 100	100,000	80,000	200,000	170,000	140,000	2,750	2,500	4.50	1.79
FHPZ 125	125,000	100,000	250,000	212,500	175,000	3,000	3,000	5.00	2.22
FHPZ 150	150,000	120,000	300,000	255,000	210,000	3,250	3,500	5.25	2.61
FHPZ 175	175,000	140,000	350,000	297,500	245,000	3,500	3,500	7.00	3.07
FHPZ 200	200,000	160,000	400,000	340,000	280,000	3,750	3,750	7.25	3.47
FHPZ 225	225,000	180,000	450,000	382,500	315,000	Inquire	Inquire	Inquire	4.80
FHPZ 250	250,000	200,000	500,000	425,000	350,000	Inquire	Inquire	Inquire	5.45
FHPZ 275	275,000	220,000	550,000	467,500	385,000	Inquire	Inquire	Inquire	5.95
FHPZ 300	300,000	240,000	600,000	510,000	420,000	Inquire	Inquire	Inquire	6.85

Consult with the manufacturer for larger capacity slings.

⚠ WARNING! Do not exceed a sling's rated lifting capacity. All users must be trained in sling selection and inspection and rigging practices.

FIRST® Sling Technology

Most Advanced Identification

In Addition to **FIRST®** Full Inspection RoundSlingTechnology, **FIRST®** has pioneered the most advanced synthetic sling ID available. Such is a standard on all **FIRST®** roundslings. This innovation, distinguished by the attractiveness and unique display of required information, is the most durable tag in the industry, remaining legible and attached for the life of the sling.

Another distinctive characteristic such as the smart code allows the user a quick and valuable on-site review of training media, sling inspection and removal criteria, through one simple scan.



Although the **FIRST®** Identification is standard to all **FIRST®** slings, this widely acclaimed ID Tag System is used by slingmakers around the globe, providing manufacturers solutions to tag complaints and the opportunity to proudly display their name and trademark.



Made in USA

The Inspectable Roundsling®

No guessing. No gimmicks. No sling jewelry.
No costly and unnecessary repairs.
No uncertainty in hand over hand inspections.
No missing or illegible identification.



The Inspectable Roundsling®,
a true advancement in lifting safety.



Approved



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