



Magnum® High Performance

Superior Strength
8x Stronger than Steel Wire Rope



When heavy loads are moved, safety and care are the top priority. This means the highest level of protection for the goods and for all persons involved. SpanSet is one of the pioneers when it comes to lifting with textile lifting gear. With our lifting gear and the expert advice of our application engineers, you can effectively prevent hazards and accidents, while ensuring that you fully meet the requirements stipulated by law.

100% Quality – 100% Safety

From the material selection to the quality test, from exact calculations to intelligent application we give 100% at every stage. We weave the majority of our flat slings and round sling sleeves ourselves – in the US. In order to ensure that you receive only completely reliable and practical lifting gear, we employ experts from the various sectors and develop new products in collaboration with universities of applied sciences and other institutions.

Tested and Certified

Our quality management system involves ongoing tests of materials and end products. These materials and end products are subject to continuous checks in our in-house laboratory and in external test series. We test the maximum load, strength and durability.

By choosing SpanSet quality products for lifting, you can move nearly any load –while protecting the material and ensuring the safety of the people.

SpanSet - Certified Safety

ADVANTAGES & BENEFITS

Resilient

The Magnum® Roundsling is constructed with the trusted strength of Dyneema®, the world’s strongest fiber. Dyneema® SK78 has a tenacity that is four times greater than polyester and nylon; it’s also highly cut resistant and more durable than other synthetic solutions.

Versatile

Magnum® is hydrophobic, it floats in water and is resistant to UV, chemicals and salt, exhibiting the greatest reliability and longest durability, even under the harshest operating conditions – an economic factor you can count on. Magnum is easy to maintain, increasing uptime and reducing costs.

Compact

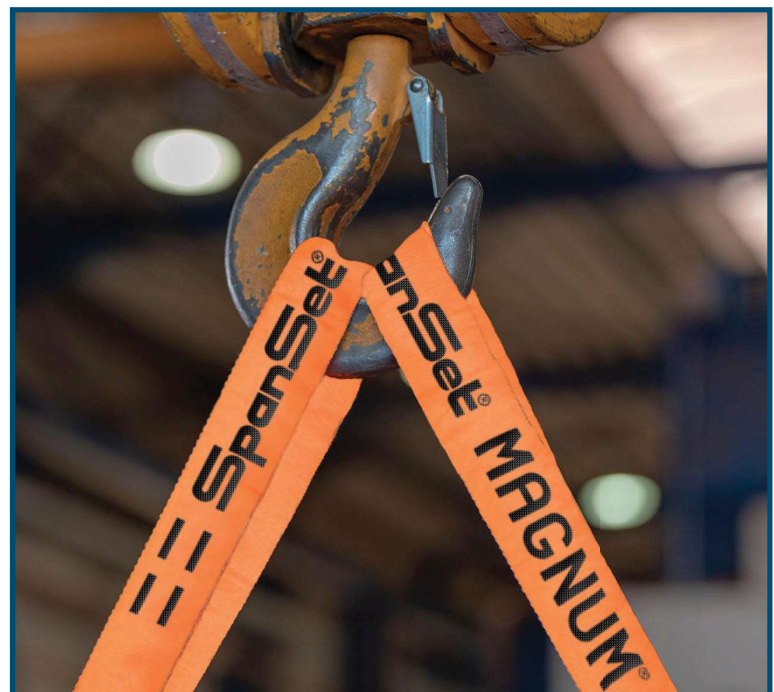
The innovative construction of the Magnum® Roundsling uses less material than comparable roundslings with the same load bearing capacity and will perform with a narrow width at load. Dyneema® SK78 fiber has a significantly greater capacity. Consequently, less material is needed in the fabric, which makes the Magnum® Roundsling up to 50% lighter than conventional roundslings. Magnum® is light weight, soft and flexible, ensuring safer work with increased efficiency.

Compliant

The inner load bearing core of Magnum® is made from Dyneema® SK78 fiber, which is renowned for its quality, consistency and performance. This has resulted in an **Approval of Manufacturing Certificate by DNV GL and Type Approvals by Bureau Veritas and ABS.**




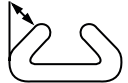

Sustainable

The internal Dyneema® fiber core delivers the lowest carbon footprint per unit of strength, making it a more environmentally friendly option.



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Magnum® High Performance Roundslings Capacities and Specifications

Part#	Vertical WLL (LBS)	Choker WLL (LBS)	90° Basket WLL (LBS)	60° Basket WLL (LBS)	45° Basket WLL (LBS)	Min Length (ft.)	Weight (per ft) Approx	Width at Load (in.) Approx	Min. Bow Diameter (in.)
									
M10	10,000	8,000	20,000	17,320	14,140	3	.20	.63	1
M20	20,000	16,000	40,000	34,640	28,280	3	.32	.83	1.2
M25	25,000	20,000	50,000	43,300	35,350	3	.35	.93	1.3
M30	30,000	24,000	60,000	51,960	42,420	3	.42	.98	1.35
M40	40,000	32,000	80,000	69,280	56,560	3	.53	1.13	1.5
M50	50,000	40,000	100,000	86,600	70,700	3	.65	1.43	1.8
M60	60,000	48,000	120,000	103,920	84,840	4	.72	1.63	2
M70	70,000	56,000	140,000	121,240	98,980	4	.85	1.73	2.1
M75	75,000	60,000	150,000	129,900	106,050	4	.89	1.73	2.1
M80	80,000	64,000	160,000	138,560	113,120	4	.96	1.83	2.2
M90	90,000	72,000	180,000	155,880	127,260	4	1.10	1.93	2.3
M100	100,000	80,000	200,000	173,200	141,400	4	1.36	2.13	2.5
M110	110,000	88,000	220,000	190,520	155,540	8	1.47	2.23	2.6
M120	120,000	96,000	240,000	207,840	169,680	8	1.51	2.43	2.8
M125	125,000	100,000	250,000	216,500	176,750	8	1.74	2.50	3
M130	130,000	104,000	260,000	225,160	183,820	8	1.85	2.70	3.2
M140	140,000	112,000	280,000	242,480	197,960	8	1.93	2.73	3.5
M150	150,000	120,000	300,000	259,800	212,100	10	2.22	2.75	3.75
M160	160,000	128,000	320,000	277,120	226,240	10	2.30	2.76	3.8
M170	170,000	136,000	340,000	294,440	240,380	10	2.45	2.77	3.9
M175	175,000	140,000	350,000	303,100	247,450	10	2.49	2.78	4
M180	180,000	144,000	360,000	311,760	254,520	10	2.60	2.80	4
M190	190,000	152,000	380,000	329,080	268,660	10	2.67	2.82	4.1
M200	200,000	160,000	400,000	346,400	282,800	10	2.86	2.85	4.2
M225	225,000	180,000	450,000	389,700	318,150	10	3.12	2.90	4.2
M250	250,000	200,000	500,000	433,000	353,500	10	3.53	3.00	4.25
M275	275,000	220,000	550,000	476,300	388,850	12	4.22	4.18	4.55
M300	300,000	240,000	600,000	519,600	424,200	12	4.90	4.48	4.85
M350	350,000	280,000	700,000	606,200	494,900	12	7.49	4.78	5.15
M400	400,000	320,000	800,000	692,800	565,600	12	8.27	5.08	5.45
M450	450,000	360,000	900,000	779,400	636,300	12	8.90	5.38	5.75
M500	500,000	400,000	1,000,000	866,000	707,000	12	9.69	5.68	6.05
M550	550,000	440,000	1,100,000	952,600	777,700	12	10.43	5.98	6.35
M600	600,000	480,000	1,200,000	1,039,200	848,400	12	11.23	6.28	6.65