

WIRE ROPE SLINGS



Flemish Eye Wire Rope Slings
IWRC EIP Flemish Mechanical Spliced (6 x 19, 6 x 36 Class)

	Rope Diameter (in.)	Rated Capacity in Tons (2,000 lbs.) *						Minimum Sling Length (When Using Standard Eyes)	Standard Eye Size (in.) W x L
				Basket Hitch					
									
6 x 19 IWRC	1/4	.65	.48	1.3	1.1	.91	.65	1' 6"	2 x 4
	5/16	1	.74	2	1.7	1.4	1	1' 9"	2-1/2 x 5
	3/8	1.4	1.1	2.9	2.5	2	1.4	2'	3 x 6
	7/16	1.9	1.4	3.9	3.4	2.7	1.9	2' 3"	3-1/2 x 7
	1/2	2.5	1.9	5.1	4.4	3.6	2.5	2' 6"	4 x 8
	9/16	3.2	2.4	6.4	5.5	4.5	3.2	2' 9"	4-1/2 x 9
	5/8	3.9	2.9	7.8	6.8	5.5	3.9	3'	5 x 10
	3/4	5.6	4.1	11	9.7	7.9	5.6	3' 6"	6 x 12
	7/8	7.6	5.6	15	13	11	7.6	4'	7 x 14
	1	9.8	7.2	20	17	14	9.8	4' 6"	8 x 16
6 x 36 IWRC	1-1/8	12	9.1	24	21	17	12	5'	9 x 18
	1-1/4	15	11	30	26	21	15	5' 6"	10 x 20
	1-3/8	18	13	36	31	25	18	6'	11 x 22
	1-1/2	21	16	42	37	30	21	7'	12 x 24
	1-5/8	24	18	49	42	35	24	8'	13 x 26
	1-3/4	28	21	57	49	40	28	8'	14 x 28
	2	37	28	73	63	52	37	9'	16 x 32
	2-1/4	44	35	89	77	63	44	10'	18 x 36
	2-1/2	54	42	109	94	77	54	11'	20 x 40
	2-3/4	65	51	130	113	92	65	12'	22 x 44
	3	77	60	153	133	108	77	13'	24 x 48
	3-1/2	102	79	203	176	144	102	14'	28 x 56

The MAZZELLA 7-Part™ Sling

Rated Capacity in Tons (2,000 lbs.) *								
Component Rope Diameter (in.)	Approx. Finished Sling Diameter			Basket Hitch ***				Standard Eye Size (in.) W x L
								
Vertical	Choker	90°	60°	45°	30°			
** 1/8	3/8	1.2	1	2.4	2	1.6	1.2	3 x 6
** 3/16	9/16	2.4	2.1	4.8	4.2	3.4	2.4	4 x 8
** 1/4	3/4	4	3.5	8	6.9	5.7	4	5 x 10
** 5/16	1	5.6	4.9	11.2	9.7	8	5.6	6 x 12
3/8	1-1/8	8.7	7.6	17.4	15	12.3	8.7	7-1/2 x 15
7/16	1-5/16	11.7	10.3	23.4	20.3	16.5	11.7	9 x 18
1/2	1-1/2	15.3	13.4	30.6	26.5	21.6	15.3	10 x 20
9/16	1-3/4	19.3	16.9	38.6	33.4	27.3	19.3	12 x 24
5/8	1-7/8	23.7	20.7	47.4	41	33.5	23.7	12 x 24
3/4	2-1/4	33.8	29.5	67.5	58.5	47.7	33.8	15 x 30
7/8	2-5/8	45.7	40	91.4	79.2	64.6	45.7	17 x 34
1	3	59.4	52	118.7	102.8	83.9	59.4	20 x 40
1-1/8	3-3/8	75	65	149	129	105	75	22 x 44
1-1/4	3-3/4	92	80	184	159	130	92	25 x 50
1-3/8	4-1/8	110	96	220	190	156	110	27 x 54
1-1/2	4-1/2	131	115	262	227	185	131	30 x 60
1-3/4	5-1/4	176	154	351	304	248	176	35 x 70
2	6	227	199	455	394	321	227	40 x 80
2-1/4	6-3/4	284	248	567	491	401	284	45 x 90
2-1/2	7-1/2	347	303	693	600	490	347	50 x 100
2-3/4	8-1/4	414	363	828	717	585	414	55 x 110

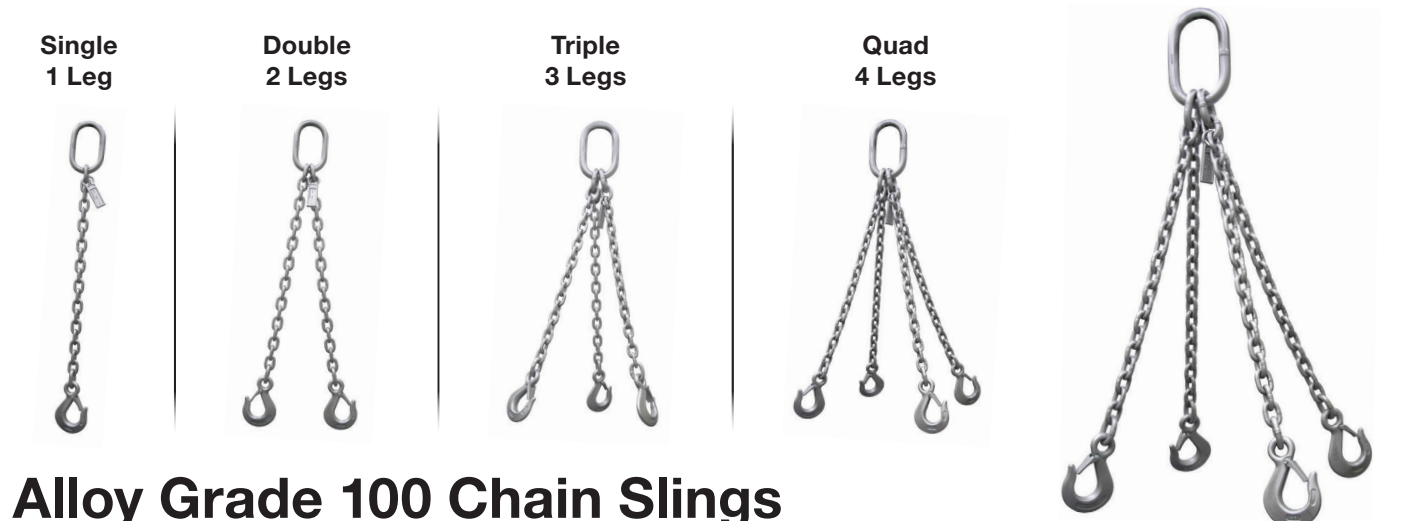
⚠ WARNINGS	MAZZELLA 7-PART™ WARNINGS
- Do not exceed rated capacities. - Rated capacities basket hitch based on D/d ratio of 25. - Rated capacities based on pin diameter no larger than natural eye width or less than the nominal sling diameter. - Rated capacities based on design factor of 5. - Horizontal sling angles less than 30 degrees shall not be used.	- Do not exceed rated capacities. - Rated capacities basket hitch based on pin diameter no larger than the natural eye width or no less than 5 times the component rope diameter. - Rated capacity of basket hitch based on D/d ratio in the body of 10 times the component rope diameter. - Rated capacities based on design factor of 5 when new. - Horizontal sling angles less than 30 degrees shall not be used. - Sling capacities for rope diameters 1/8" through 5/16" are based on using 7 x 19 G.A.C. wire rope. - Sling angles in this guide depart from the traditional method of vertical angles measured at the sling hook. It has long been the opinion of sling users that it is easier to measure a sling angle relative to the ground or horizontal. The method is the same whichever angle is used. When the horizontal angle is used, you must use the trigonometric sine of the horizontal angle. When the vertical angle is used, you must use the trigonometric cosine of the vertical angle.

ALLOY CHAIN SLINGS



Alloy Grade 80 Chain Slings

Chain Size (in.)	Working Load Limit (lbs.) *						
	Single (1 Leg)	Double (2 Legs)		Triple (3 Legs) & Quad (4 Legs)			
	90°	60°	45°	30°	60°	45°	30°
7/32	2,100	3,600	3,000	2,100	5,500	4,400	3,200
9/32	3,500	6,100	4,900	3,500	9,100	7,400	5,200
3/8	7,100	12,300	10,000	7,100	18,400	15,100	10,600
1/2	12,000	20,800	17,000	12,000	31,200	25,500	18,000
5/8	18,100	31,300	25,600	18,100	47,000	38,400	27,100
3/4	28,300	49,000	40,000	28,300	73,500	60,000	42,400
7/8	34,200	59,200	48,400	34,200	88,900	72,500	51,300
1	47,700	82,600	67,400	47,700	123,900	101,200	71,500
1-1/4	72,300	125,200	102,200	72,300	187,800	153,400	108,400



Alloy Grade 100 Chain Slings

Chain Size	Working Load Limit (lbs.) *						
	Single	Double		Triple & Quad			
	90°	60°	45°	30°	60°	45°	30°
in mm	90°	60°	45°	30°	60°	45°	30°
7/32 5.5	2,700	4,700	3,800	2,700	7,000	5,700	4,000
9/32 7.0	4,300	7,400	6,100	4,300	11,200	9,100	6,400
3/8 10.0	8,800	15,200	12,400	8,800	22,900	18,700	13,200
1/2 13.0	15,000	26,000	21,200	15,000	39,000	31,800	22,500
5/8 16.0	22,600	39,100	32,000	22,600	58,700	47,900	33,900
3/4 20.0	35,300	61,100	49,900	35,300	91,700	74,900	53,000
7/8 22.0	42,000	74,000	60,400	42,700	110,900	90,600	64,000
1 26.0	59,700	103,400	84,400	59,700	155,100	126,600	89,600
1-1/4 32.0	90,400	156,600	127,800	90,400	234,900	191,700	135,600

⚠ WARNINGS	
- Do not exceed working load limit. - Do not use angles smaller than 30 degrees horizontally. - Always inspect sling before each use.	- Do not impact load or jerk the sling. - Protect chain from corners and objects. - Protect slings from corrosion.

SYNTHETIC WEB SLINGS



Flat Eye or Twisted Eye

Type	Rated Capacities in Lbs.		
	Vertical	Choker	Basket
EE1-901	1,600	1,250	3,200
EE1-902	3,200	2,560	6,400
EE1-903	4,800	3,840	9,600
EE1-904	6,400	5,120	12,800
EE2-901	3,200	2,560	6,400
EE2-902	6,400	5,120	12,800
EE2-903	9,300	7,440	18,600
EE2-904	11,500	9,200	23,000
EE3-901	4,100	3,280	8,200
EE3-902	8,300	6,640	16,600
EE3-903	12,500	10,000	25,000
EE3-904	16,000	12,800	32,000
EE4-901	6,200	4,960	12,400
EE4-902	12,400	9,920	24,800
EE4-903	17,000	13,600	34,000
EE4-904	22,000	17,600	44,000

Endless

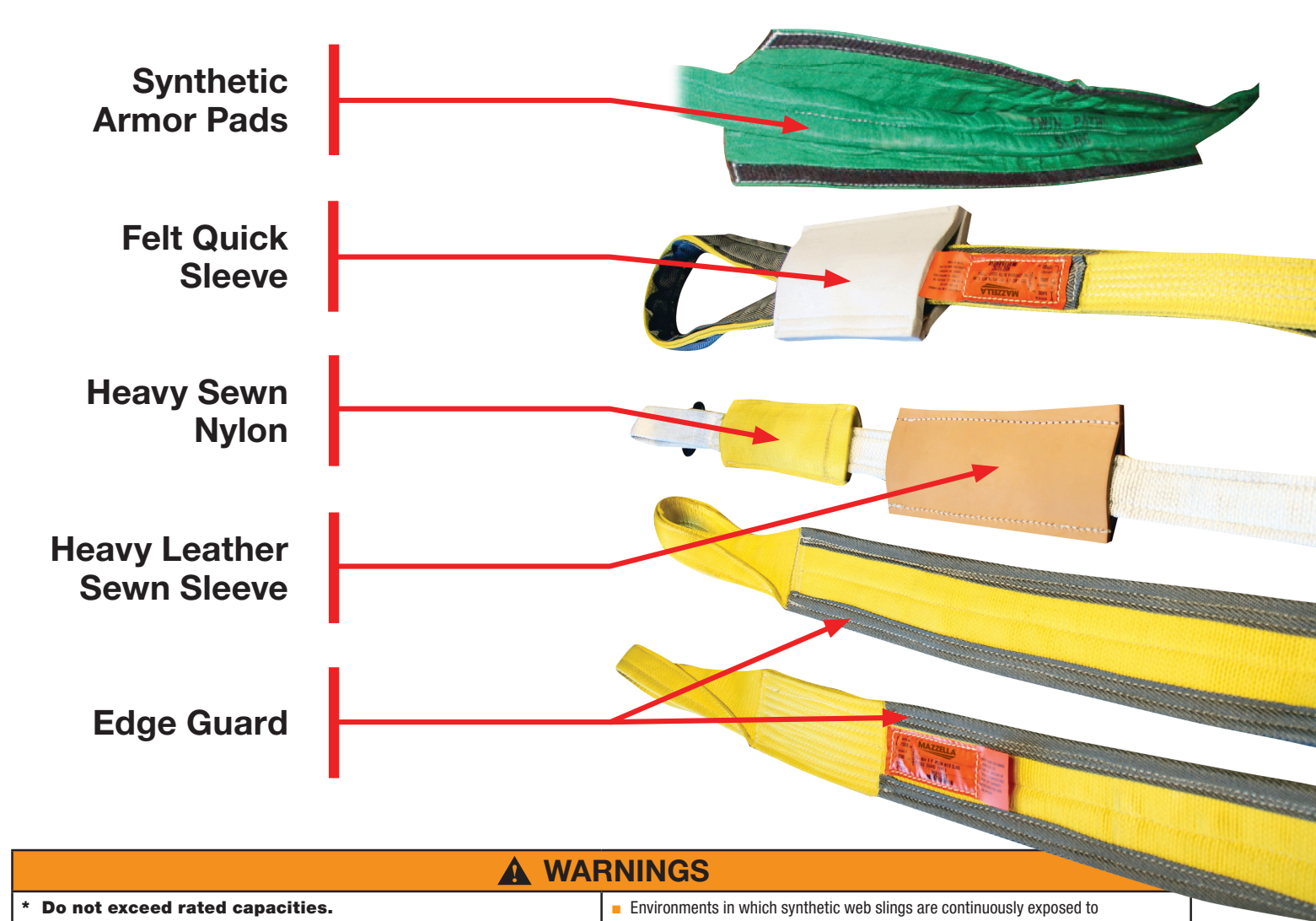
Type	Rated Capacities in Lbs.		
	Vertical	Choker	Basket
EN1-901	3,200	2,500	6,400
EN1-902	6,400	5,000	12,800
EN1-903	8,600	6,900	17,200
EN1-904	11,500	9,200	23,000
EN2-901	6,200	4,900	12,400
EN2-902	12,200	9,800	24,400
EN2-903	16,300	13,000	32,600
EN2-904	20,700	16,500	41,400

Ask us about...
our **duraKlear™** tag!



Ask us about...

Synthetic Armor Pads, Protective Wear Pads, Edging, and Sleeves that protect slings from abrasion damage.



⚠ WARNINGS	
- Do not exceed rated capacities. - Nylon and polyester slings shall not be used at temperatures in excess of 194° F (90° C); however, they may be used in temperatures as low as -40° F (-40° C). - Slings shall always be protected from being cut by corners, edges, protrusions, or abrasive surfaces.	Environments in which synthetic web slings are continuously exposed to ultra-violet light (sunlight) can affect the strength of synthetic webbing in varying degrees, ranging from slight to total degradation. The degradation is also cumulative.

SYNTHETIC ROUNDSLINGS



Mazzella Single-Path Roundslings

Part Number	Color	Rated Capacity (lbs.) *				
		Vertical	Choker	Basket Hitches		
				90°	60°	45°
SP30	Purple	2,600	2,100	5,200	4,500	3,600
SP60	Green	5,300	4,200	10,600	9,100	7,400
SP90	Yellow	8,400	6,700	16,800	14,000	11,800
SP120	Light	10,600	8,500	21,200	18,000	14,000
SP150	Red	13,200	10,600	26,400	22,300	18,000
SP180	White	16,800	13,400	33,600	29,000	23,000
SP240	Blue	21,200	17,000	42,400	36,300	29,000
SP360	Orange	31,000	24,800	62,000	53,000	43,300
SP400	Orange	40,000	32,000	80,000	69,000	56,500
SP600	Brown	53,000	42,400	106,000	91,300	74,000
SP800	Olive	66,000	52,800	132,000	114,000	93,000
SP1000	Black	90,000	72,000	180,000	155,300	127,000

Twin-Path® Extra Slings (TPXCF)

With Covermax® and Check-Fast® Inspection System

Twin-Path® Extra Sling with Covermax® Specifications							
Twin-Path® Extra Covermax® Part Number	Rated Capacity (lbs.) *					Approx. Body Width (in.)	Approx. Weight Lbs./Ft. Bearing to Bearing
							
			90°	60°	45°		
TPXCF 1000	10,000	8,000	20,000	17,320	14,140	1.5 - 3"	.40
TPXCF 1500	15,000	12,000	30,000	25,980	21,210	1.5 - 3"	.45
TPXCF 2000	20,000	16,000	40,000	34,640	28,280	1.5 - 3"	.51
TPXCF 2500	25,000	20,000	50,000	43,300	35,350	2.0 - 4"	.57
TPXCF 3000	30,000	24,000	60,000	51,960	42,420	2.0 - 4"	.71
TPXCF 4000	40,000	32,000	80,000	69,280	56,560	2.0 - 4"	.83
TPXCF 5000	50,000	40,000	100,000	86,600	70,700	2.5 - 5"	1.14
TPXCF 6000	60,000	48,000	120,000	103,920	84,840	2.5 - 5"	1.27
TPXCF 7000	70,000	56,000	140,000	121,240	98,980	2.5 - 5"	1.39
TPXCF 8500	85,000	68,000	170,000	147,220	120,190	3.0 - 6"	1.65
TPXCF 10000	100,000	80,000	200,000	173,200	141,400	3.0 - 6"	1.84
TPXCF 12500	125,000	100,000	250,000	216,500	176,750	4.0 - 8"	2.35
TPXCF 15000	150,000	120,000	300,000	259,800	212,100	4.0 - 8"	2.66
TPXCF 17500	175,000	140,000	350,000	303,100	247,450	4.0 - 8"	3.14
TPXCF 20000	200,000	160,000	400,000	346,400	282,800	5.0 - 10"	3.45
TPXCF 25000	250,000	200,000	500,000	433,000	353,500	5.0 - 10"	4.07
TPXCF 27500	275,000	220,000	550,000	476,300	388,850	6.0 - 12"	4.61
TPXCF 30000	300,000	240,000	600,000	519,600	424,200	6.0 - 12"	4.92