

# LS STRAPPING, INC. Phone 216/341-7554 Fax: 216/429-3071

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**AVERAGE STRENGTH:** The average strength for each strap size was calculated from a large number of tests. The strength of any strap sample may be above or below the listed strength.

## LS REGULAR DUTY STRAPPING

A cold rolled, low carbon steel strapping manufactured to meet the requirements of tensional strapping. Most standard packaging applications use regular duty strapping. Meets ASTM 3953 specifications.

Strap Size				Avg. Strength		Yield		Coil Winding	Strap Finish
Width		Thickness							
Inch	mm	Inch	mm	lb	N	ft/lb	M/kg		
3/8	9.5	.015	0.38	700	3 000	52.4	35.2	Mill	Painted and Waxed
		.020	0.51	900	3 900	39.3	26.4	Mill	Painted and Waxed, Zinc, Galvanized
1/2	12.7	.015	0.38	950	4 020	39.3	26.4	Mill	Painted and Waxed
		.020	0.51	1,220	5 220	29.4	19.8	Mill	Painted and Waxed, Zinc, Galvanized
		.023	0.58	1,375	6 000	25.6	17.2	Mill	Painted and Waxed, Zinc, Galvanized
5/8	15.9	.015	0.38	1,180	5 000	31.4	21.1	Mill	Painted and Waxed
		.020	0.51	1,500	6 520	23.6	15.9	Mill	Painted and Waxed, Zinc, Galvanized
		.023	0.58	1,720	7 400	20.5	13.8	Mill	Painted and Waxed
3/4	19.0	.015	0.38	1,420	6 000	26.2	17.6	Mill	Painted and Waxed
		.020	0.51	1,810	7 850	19.6	13.2	Mill	Painted and Waxed, Zinc, Galvanized
		.023	0.58	2,050	8 950	17.1	11.5	Mill	Painted and Waxed Painted
		.028	0.66	2,300	9 000	14.1	12.2	Mill	Painted and Waxed

## LS MEDIUM DUTY STRAPPING

A cold rolled, medium carbon steel strapping. This higher tensional strapping is available in .018, .020, and .023 gauges. Meets ASTM 3953 specifications.

## LS HIGH TENSILE STRAPPING

A cold rolled, medium carbon steel strapping. Heat-treated with a special process that combines fine surface and controlled physical properties with high strength and excellent shock resistance. Meets ASTM 3953 specifications.

Strap Size				Avg. Strength		Yield		Coil Winding	Strap Finish
Width		Thickness							
Inch	mm	Inch	mm	lb	N	ft/lb	M/kg		
1/2	12.7	.020	0.51	1,450	6 500	29.4	19.8	Mill	Painted and Waxed, Zinc
		.023	0.58	1,660	7 400	25.6	17.2	Mill	Painted and Waxed, Zinc
5/8	15.9	.020	0.51	1,830	8 100	23.6	15.9	Mill	Painted and Waxed, Zinc
		.023	0.58	2,100	9 300	20.5	13.8	Mill	Painted and Waxed
3/4	19.0	.020	0.51	2,150	9 600	19.6	13.2	Mill	Painted and Waxed, Zinc
		.023	0.58	2,470	11 000	17.1	11.5	Mill	Painted and Waxed
		.025	0.64	2,620	12 000	15.7	10.6	Mill, Ribbon	Painted and Waxed, Zinc
		.029	0.74	3,150	13 200	13.5	9.0	Mill, Ribbon	Painted and Waxed, Zinc
		.031	0.79	3,250	14 500	12.7	8.5	Mill, Ribbon	Painted and Waxed, Zinc
1 1/4	31.8	.025	0.64	4,650	20 700	9.4	6.3	Ribbon	Painted and Waxed
		.029	0.74	5,450	23 500	8.1	5.4	Ribbon	Dry, Painted, Painted and Waxed, Zinc
		.031	0.79	5,450	24 200	7.6	5.1	Ribbon	Dry, Painted, Painted and Waxed, Zinc
		.044	1.12	7,700	34 300	5.3	3.6	Ribbon	Dry, Painted and Waxed
2	50.8	.044	1.12	12,300	54 700	3.3	2.2	Ribbon	Dry, Painted, Painted and Waxed

## LS STANDARD PACKAGING SPECIFICATIONS

Type	Strap Sizes	Coil Type	Package	Coils per Skid
Regular Duty:	3/8, 1/2, 5/8, 3/4"	Oscillated	Octo Pack	14 Coils
High Tensile:	1/2, 5/8, 3/4"	Oscillated	Octo Pack	14 Coils
High Tensile:	3/4"	Ribbon Wound	Bare Coils	34 Coils
High Tensile:	1 1/4"	Ribbon Wound	Bare Coils	22 Coils
High Tensile:	2"	Ribbon Wound	Bare Coils	15 Coils