



# ST. LOUIS PAPER & BOX

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**Plastic | Steel**

## Strap



## Steel Strap

Print

St. Louis Paper & Box offers three types of steel strapping, **Regular Duty**, **High Tensile**, and **Stainless Steel**, all made in the USA. The particular type of strap best suited for your application will depend on the strapping's purpose or function, the package or load characteristics, and the shipping and handling considerations.

Steel strap is ideal for heavy weight bundles or bales, non-compressible loads of lumber or metal, and loads with sharp corners. Steel strap is dimensionally stable under normal conditions and does not creep or stretch. Knowing what you are trying to accomplish, your St. Louis Paper packaging professional can help you choose the best strap for you.

Our **Regular Duty Strapping** is a cold rolled 5% carbon strapping and is available in a variety of widths and strengths to satisfy the majority of standard packaging requirements.

Our **High Tensile Strapping** is a cold rolled 30% carbon steel strapping that has been heat-treated to provide high strength and excellent shock resistance for more critical or extreme applications.

Our **Stainless Steel Strapping** is a high tensile, chrome nickel strap with smooth edges, designed for prolonged outdoor exposure. Its primary use is mounting commercial and municipal signs and signals. Stainless steel strap is packaged as individually boxed mini-coils for ease of use in the field. Stainless steel strap is 3/4" wide and is available in thicknesses of .020 (200 ft/box), .025 (100 ft/box), and .030 (100 ft/box). A complete line of complementary stainless steel accessories is available.



It is extremely important to properly match the correct tools and seals to the strap being used. Regular and high tensile strapping require different tools and seals for safe, secure sealing. Also, the tools and seals for steel strap are not designed for use with non-metallic (plastic) strapping, and vice versa. Be safe! Ask your St. Louis Paper packaging professional for help in choosing the proper tools and seals.

Listed below are the more common types, sizes, and grades available. All our steel strap is **MADE IN THE USA**.  
**(See FAQs for coil wind definitions and descriptions of strap finishes.)**



<b>Regular Duty Strap</b>					
<b>Width [Inches]</b>	<b>Thickness [Inches]</b>	<b>Tensile [lbs]</b>	<b>Yield [Ft/lb]</b>	<b>Wind</b>	<b>Finishes</b>
3/8	.015	700	52.4	Mill	Painted and Waxed
3/4	.020	1,810	19.6	Mill	Painted and Waxed, Zinc, Galvanized
3/4	.023	2,050	17.1	Mill	Painted and Waxed, Painted
3/4	.028	2,300	14.1	Mill	Painted and Waxed
3/8	.020	900	39.3	Mill	Painted and Waxed, Zinc, Galvanized
1/2	.015	950	39.3	Mill	Painted and Waxed
1/2	.020	1,220	29.4	Mill	Painted and Waxed, Zinc, Galvanized
1/2	.023	1,375	25.6	Mill	Painted and Waxed, Zinc, Galvanized
5/8	.015	1,180	31.4	Mill	Painted and Waxed
5/8	.020	1,500	23.6	Mill	Painted and Waxed, Zinc, Galvanized
5/8	.023	1,720	20.5	Mill	Painted and Waxed
3/4	.015	1,420	26.2	Mill	Painted and Waxed

<b>High Tensile Strap</b>					
<b>Width [Inches]</b>	<b>Thickness [Inches]</b>	<b>Tensile [lbs]</b>	<b>Yield [Ft/lb]</b>	<b>Wind</b>	<b>Finishes</b>
1/2	.020	1,450	29.4	Mill	Painted and Waxed, Zinc
1/2	.023	1,660	25.6	Mill	Painted and Waxed, Zinc
5/8	.020	1,830	23.6	Mill	Painted and Waxed, Zinc
5/8	.023	2,100	20.5	Mill	Painted and Waxed
3/4	.020	2,150	19.6	Mill	Painted and Waxed, Zinc
3/4	.023	2,470	17.1	Mill	Painted and Waxed, Zinc
3/4	.025	2,620	15.7	Mill, Ribbon	Painted and Waxed, Zinc
3/4	.029	3,150	13.5	Mill, Ribbon	Painted and Waxed, Zinc
3/4	.031	3,250	12.7	Mill, Ribbon	Painted and Waxed, Zinc
1-1/4	.025	4,650	9.4	Ribbon	Painted and Waxed
1-1/4	.029	5,450	8.1	Ribbon	Dry, Painted, Painted and Waxed, Zinc
1-1/4	.031	5,450	7.6	Ribbon	Dry, Painted, Painted and Waxed, Zinc

<b>1-1/4</b>	<b>.044</b>	<b>7,700</b>	<b>5.3</b>	<b>Ribbon</b>	<b>Dry, Painted and Waxed</b>
<b>2</b>	<b>.044</b>	<b>12,300</b>	<b>3.3</b>	<b>Ribbon</b>	<b>Dry, Painted, Painted and Waxed</b>