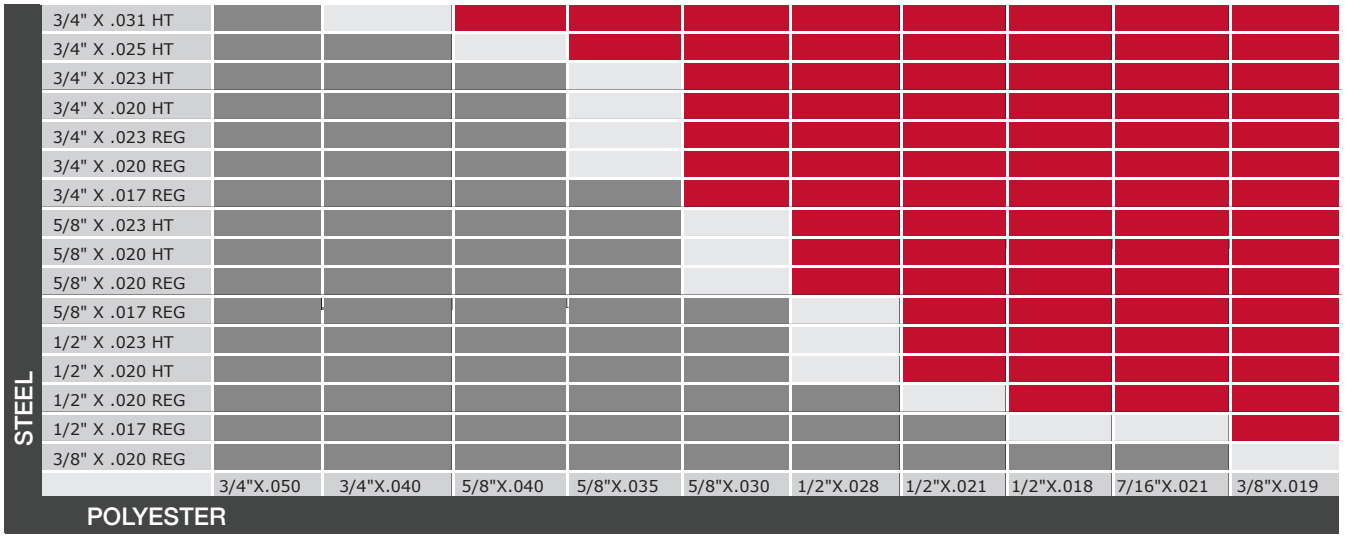
INDUSTRY AT WORK

STEEL TO POLYESTER CONVERSION
Strapping Testing Guidelines

If you use a pallet of steel each month, you are a good candidate for conversion to polyester strapping.



- It's up to the user to determine whether a product is safe and fit for a particular purpose.
- American Association of Railroads Rules may apply. Check with your local carriers standards and regulations.
- Strapping should never be used as a handle to carry product.

RECOMMENDED NOT TO TEST

RECOMMENDED TO TEST

STEEL

Stained and damaged with no elastic properties

TO

Less product damage

Tighter packages

POLYESTER

STEEL SPECIFICATIONS

SIZE	BREAK	FEET/ COIL	SIZE	BREAK	FEET/ COIL
3/8"x.017RD	980	4474	5/8"x.020RD	1470	2242
3/8"x.020RD	880	3724	5/8"x.023RD	1670	19475
1/2"x.017RD	1305	3315	3/4"x.017RD	1960	2242
1/2"x.020RD	1180	2793	3/4"x.020RD	1760	2812
1/2"x.023RD	1340	2432	3/4"x.023RD	2010	1624
5/8"x.017RD	1630	2688	3/4"x.025HT	2800	2660

POLYESTER SPECIFICATIONS

SIZE	BREAK	FEET/ COIL	SIZE	BREAK	FEET/ COIL
1/2"x.025	775	5800	5/8"x.030	1100	4600
1/2"x.028	800	6500	5/8"x.035	1400	4000
1/2"x.028	800	6500	5/8"x.036	1250	4000
5/8"x.025	900	4400	5/8"x.038	1400	4000
5/8"x.030	1100	3600	5/8"x.040	1400	4000
5/8"x.035	1400	4200	3/4"x.040	1900	3000

Cost per foot calculation

First determine your cost per foot for the steel strapping product you're currently using and its polyester replacement.

$$\frac{\text{Price/Coil}}{\text{Feet/Coil}} = \text{Cost per foot}$$

Cost per foot Steel Strapping ☐ Cost per foot Polyester Strapping ☐

Cost Savings per Application

Determine the footage needed to package your product, then multiply the footage times the cost per foot of the steel product and its plastic replacement. The difference between the higher priced steel and the lower priced plastic is your application savings.

Steel cost per foot _____ x application footage = Cost per application
Polyester cost per foot _____ x application footage = Cost per application

Difference = Annual savings with polyester ☐

Yearly Cost Savings

Determine how many coils of steel are used annually and multiply this number by the standard footage of the coil to get the yearly footage required. Then multiply the yearly footage times the cost per foot for both steel and polyester. The difference is the annual savings.

Steel annual coils _____ x Coil footage _____ = _____ Yearly footage
Yearly footage _____ x Cost per foot steel _____ = _____ Yearly cost steel
Yearly footage _____ x Cost per foot polyester _____ = _____ Yearly cost polyester

Difference = Annual savings with polyester ☐

Contact your local branch for customer pricing, TODAY!

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