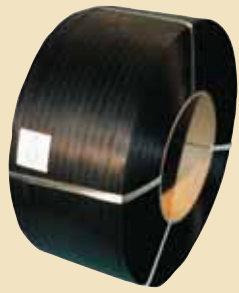


Polypropylene Strap



Refer to the strapping machines on pages 24-28

What is Polypropylene Strap?

The most economical of all strapping material, polypropylene is a light weight strapping that can be used for a variety of bundling applications: carton closure, bundling, reinforcement and unitizing. It is available in a wide variety of sizes and gauges and offers the greatest elongation of all strapping and has good initial recovery characteristics. Most polypropylene can be heat sealed with a joint efficiency of 70 to 80%. By nature, polypropylene strapping is very flexible and has the ability to mold to contours of odd-shaped or irregular shaped packages.



Polypropylene Strap - Machine Grade

WIDTH	THICKNESS	FEET PER COIL	BREAK STRENGTH	ID	FACE	COLOR
5.0mm	.018"	20,000'	115#	8"	8"	W,Y
5.0mm	.018"	16,750'	115#	8"	8"	W
5.0mm	.020"	25,000'	120#	8"	8"	W
5.0mm	.020"	25,000'	120#	9"	8"	W,Y
5.0mm	.014"	25,000'	140#	8"	8"	C
5.0mm	.014"	25,000'	120#	8"	8"	C
5.4mm	.018"	22,400'	145#	8"	8"	W,Y
5.7mm	.020"	23,000'	160#	8"	8"	Y
5.7mm	.020"	23,000'	160#	9"	8"	B,BL,G,OR,W,Y
5.7mm	.017"	18,000'	190#	9"	8"	B,Y
5.7mm	.017"	19,500'	170#	8"	6.75"	OR,W,Y
5.7mm	.022"	16,500'	180#	8"	6.75"	W,Y
5.8mm	.025"	18,500'	210#	8"	8"	C,W
5.8mm	.025"	18,500'	210#	9"	8"	OR,Y
6.0mm	.020"	15,000'	170#	8"	8"	W,Y
6.0mm	.020"	22,000'	170#	8"	8"	BL,C,W
6.0mm	.020"	22,000'	170#	9"	8"	B,BL,C,G,OR,W,Y
6.0mm	.018"	16,750'	200#	8"	7.5"	C,Y
6.0mm	.016"	18,000'	200#	8"	7.5"	C,Y
¼"	.014"	20,000'	150#	4"	5.75"	C,Y
¼"	.017"	18,000'	170#	9"	8"	Y
¼"	.023"	18,000'	185#	8"	8"	W,Y
¼"	.023"	18,000'	185#	9"	8"	W,Y
¼"	.023"	18,000'	185#	11"	8"	W
¼"	.020"	20,000'	185#	9"	8"	B,BL,C,G,OR,W,Y
¼"	.024"	18,500'	190#	8"	8"	C,OR,W
¼"	.018"	15,000'	200#	4"	5.75"	C,Y
¼"	.016"	18,000'	200#	8"	8"	C
¼"	.022"	18,000'	225#	8"	8"	W
¼"	.022"	18,000'	225#	9"	8"	C,W,Y
6.2mm	.017"	18,000'	155#	4"	5.75"	Y
6.2mm	.022"	15,000'	200#	4"	6"	BL,C,W,Y
6.5mm	.024"	18,000'	220#	8"	8"	BL,Y
6.7mm	.026"	16,500'	250#	8"	8"	BL,Y
6.8mm	.025"	16,500'	225#	8"	8"	B,BL,B,OR,W,Y
6.8mm	.025"	16,500'	225#	9"	8"	BL
6.8mm	.023"	17,000'	230#	9"	8"	W,Y
8.0mm	.022"	12,900'	220#	9"	8"	W,Y
8.0mm	.022"	12,900'	130#	9"	8"	W
8.6mm	.019"	12,000'	200#	8"	8"	W
8.6mm	.019"	12,300'	225#	9"	8"	W,Y
¾"	.022"	10,000'	250#	8"	6"	BL,C,W,Y
¾"	.022"	12,900'	250#	8"	8"	B,C,W,Y
¾"	.022"	12,900'	250#	9"	8"	B,BL,C,P,W,Y
¾"	.022"	10,000'	300#	8"	6"	B,C,G,W
¾"	.022"	12,900'	300#	8"	8"	C,W,Y
¾"	.022"	12,900'	300#	9"	8"	B,BL,C,W,Y

WIDTH	THICKNESS	FEET PER COIL	BREAK STRENGTH	ID	FACE	COLOR
¾"	.022"	10,000'	300#	11"	8"	W
¾"	.019"	11,250'	300#	8"	7.5"	B,C
¾"	.022"	12,000'	300#	16"	6"	w
¾"	.027"	8,700'	410#	9"	8"	B,W
¾"	.027"	8,700'	410#	16"	6"	B,W
9.0mm	.014"	12,000'	300#	8"	8"	C
9.5mm	.016"	12,000'	300#	8"	8"	C
7/16"	.022"	10,500'	400#	16"	6"	B,C
7/16"	.022"	8,250'	400#	8"	7.5"	B,C
7/16"	.025"	8,000'	500#	16"	6"	B,C
7/16"	.025"	6,700'	500#	8"	7.5"	B,C
7/16"	.030"	7,000'	600#	16"	6"	B,C
10.5mm	.025"	8,000'	525#	16"	6"	B
10.5mm	.031"	8,000'	625#	16"	6"	B
11.0mm	.013"	9,000'	250#	16"	6"	C
½"	.022"	9,000'	300#	8"	6"	B,BL,C,W,Y
½"	.022"	9,900'	300#	8"	8"	B,BL,C,W,Y
½"	.022"	9,900'	300#	9"	8"	B,BL,C,W,Y
½"	.022"	9,000'	300#	8"	6"	C,W
½"	.022"	9,900'	300#	8"	8"	B,C,W,Y
½"	.022"	9,900'	300#	9"	8"	B,C,W,Y
½"	.022"	7,500'	300#	11"	8"	W
½"	.026"	7,000'	400#	9"	8"	BL
½"	.026"	7,000'	400#	16"	6"	B,BL
½"	.025"	7,546'	425#	8"	8"	W
½"	.025"	7,546'	425#	11"	7.5"	B,W
½"	.025"	9,000'	425#	16"	6"	B,W
½"	.026"	7,200'	440#	8"	6"	BL
½"	.026"	8,200'	440#	8"	8"	W
½"	.026"	8,200'	440#	9"	8"	W
½"	.026"	8,947'	440#	16"	6"	B,BL,W
½"	.026"	7,500'	550#	8"	6"	B,W
½"	.026"	6,600'	550#	8"	8"	C
½"	.026"	6,600'	550#	9"	8"	B,C,W
½"	.026"	6,600'	550#	16"	6"	B,C,W
½"	.028"	5,906'	550#	11"	7.5"	W
½"	.028"	8,202'	550#	16"	6"	B,BL,W
½"	.032"	7,218'	600#	9"	8"	Y
½"	.032"	7,218'	600#	16"	6"	B,BL,C,W,Y
½"	.032"	9,515'	600#	24"	6"	B,Y
½"	.033"	7,218'	600#	16"	6"	B,BL,DBL,Y
½"	.033"	9,515'	600#	24"	6"	B,Y
½"	.032"	6,000'	625#	16"	6"	BL
½"	.037"	5,577'	800#	9"	8"	B
½"	.037"	5,577'	800#	16"	6"	B
½"	.037"	8,000'	800#	24"	6"	B,W
14.8mm	.023"	7,500'	550#	16"	6"	W
5/8"	.017"	9,900'	350#	8"	8"	W,Y



Polypropylene Strap - Recycled Hand Grade

WIDTH	THICKNESS	FEET PER COIL	BREAK STRENGTH	ID	FACE	COLOR
1/2"	.020"	4,500'	300#	16"	3"	B
1/2"	.026"	3,600'	500#	16"	3"	B
1/2"	.028"	3,600'	600#	16"	3"	B
1/2"	.013"	9,000'	250#	16"	3"	B
1/2"	.020"	9,000'	300#	16"	3"	B
1/2"	.020"	9,000'	400#	16"	6"	B
1/2"	.026"	7,200'	500#	16"	6"	B,W
1/2"	.028"	7,200'	600#	16"	6"	B,W
1/2"	.013"	9,000'	250#	8"	8"	B,Y
1/2"	.020"	9,000'	300#	8"	8"	B,W
1/2"	.026"	7,200'	500#	8"	8"	B,Y
1/2"	.028"	7,200'	600#	8"	8"	B
5/8"	.032"	2,200'	1050#	16"	3"	B
5/8"	.035"	2,200'	930#	16"	3"	B
5/8"	.035"	4,400'	930#	16"	6"	B

Controlled Elongation Polypropylene Strap

Controlled elongation polypropylene strap offers lower elongation than standard for better initial tension and superior creep resistance.

WIDTH	THICKNESS	FEET PER COIL	BREAK STRENGTH	ID	FACE	COLOR
3/8"	.030"	8,200'	525#	9"	8"	B
3/8"	.030"	8,200'	525#	16"	6"	W
11.6mm	.030"	7,200'	620#	16"	6"	W
1/2"	.020"	10,900'	475#	9"	8"	B,W
1/2"	.020"	9,200'	475#	16"	6"	B,BL,W
1/2"	.022"	9,900'	525#	9"	8"	B,W
1/2"	.022"	8,370'	525#	16"	6"	B,W,Y
1/2"	.026"	8,258'	600#	9"	8"	B,G,W
1/2"	.026"	7,000'	600#	16"	6"	B,BL,W,Y
1/2"	.026"	9,500'	600#	24"	6"	B,Y
1/2"	.026"	7,910'	600#	16"	6"	W,Y
1/2"	.028"	7,000'	650#	16"	6"	BL,G,W,Y
1/2"	.031"	8,200'	725#	8"	8"	Y
1/2"	.031"	7,100'	725#	9"	8"	B,W,Y
1/2"	.031"	6,100'	725#	16"	6"	B,G,W,Y
5/8"	.024"	7,200'	590#	16"	6"	G,W
5/8"	.025"	6,500'	680#	16"	6"	W
5/8"	.029"	6,000'	725#	9"	8"	Y
5/8"	.029"	6,000'	725#	16"	6"	Y
3/4"	.032"	4,500'	1050#	8"	8"	B

Ultraband Polypropylene

A hybrid of characteristics blended to create the optimum in performance and economy. Ultra low elongation offers high resistance to impact and superior break strength combined to create a formidable strapping band suitable for the most challenging packaging applications.

- Can replace higher priced polyester and steel strapping in many applications
- Built-in elongation, absorbs more shock energy than steel and PET
- Weather resistant; will not rust when exposed to moisture
- Can be friction welded eliminating the high cost metal seals
- Easier disposal... Ultraband can be removed with scissors and recycled
- Safer: it won't snap or cut like steel
- Does not mar or scratch the way steel does
- Easier to handle... better production

WIDTH	THICKNESS	FEET PER COIL	BREAK STRENGTH	ID	FACE	COLOR
7/16"	.037"	3,200'	700#	16"	3"	S, G
7/16"	.037"	6,400'	700#	16"	6"	S, G
1/2"	.035"	7,500'	600#	16"	6"	G
1/2"	.037"	6,600'	800#	16"	6"	B, G, S, W
5/8"	.042"	4,100'	1320#	16"	6"	G
5/8"	.035"	2,550'	1025#	16"	3"	B, G, S, W
5/8"	.035"	5,100'	1025#	16"	6"	B, G, S, W
5/8"	.040"	2,000'	1250#	16"	3"	B, G, S, W
5/8"	.040"	4,000'	1250#	16"	6"	B, G, S, W
3/4"	.032"	1,950'	1200#	16"	3"	B, G, S, W
3/4"	.032"	3,900'	1200#	16"	6"	B, G, S, W
3/4"	.045"	1,650'	1600#	16"	3"	S, G
3/4"	.045"	3,300'	1600#	16"	6"	S, G

Strap Color Codes

B	=	Black	OR	=	Orange
W	=	White	P	=	Purple
C	=	Clear	S	=	Silver
BL	=	Blue	DBL	=	Dark Blue
Y	=	Yellow	TG	=	Transparent Green
G	=	Green	OG	=	Opaque Green

Polypropylene and Polyester Strap



Signode Polypropylene Equivalents

STRAP TYPE	WIDTH	THICKNESS	FEET PER COIL	BREAK STRENGTH	ID	FACE	COLOR
24 Coils/Pallet, Bulk Pack -							
For use in Signode Spirit and SP Series equipment							
LB113	5mm	.015"	26,000'	120#	8"	7.5"	C
SP216	¼"	.018"	16,750'	200#	8"	7.5"	C, Y
SP216	¼"	.016"	18,000'	200#	8"	7.5"	C, Y
SP616	⅜"	.019"	11,250'	300#	8"	7.5"	B, C
SP719	⅞"	.021"	8,250'	400#	8"	7.5"	B, C
SP723	⅞"	.025"	6,700'	500#	8"	7.5"	B, C
SP723	⅞"	.025"	7,500'	500#	8"	7.5"	C
12 Coils/Pallet, Bulk Pack - For use in Signode MCD Series equipment							
HD719	⅞"	.019"	12,000'	400#	16"	6"	B, C
HD723	⅞"	.023"	9,000'	500#	16"	6"	B, C
HD729	⅞"	.028"	7,700'	600#	16"	6"	B
24 Coils/Pallet, Flanged Bulk Pack							
HD723	⅞"	.023"	9,000'	500#	16"	6"	B
30 Coils/Pallet, Bulk Pack - For Use In Signode MI Series Equipment							
LD213	¼"	.014"	20,000'	145#	4"	6"	C, Y
LD216	¼"	.018"	15,000'	170#	4"	6"	C, Y

Signode Polyester Equivalents

STRAP TYPE	WIDTH	THICKNESS	FEET PER COIL	BREAK STRENGTH	ID	FACE	COLOR
28 Coils/Pallet, Bulk Pack							
1616LC	⅜"	.0195"	13,750'	425#	16"	6"	TG
1716LC	⅞"	.0195"	11,500'	500#	16"	6"	TG
1718	⅞"	.025"	9,000'	650#	16"	6"	TG
1818	½"	.020"	9,000'	600#	16"	6"	TG
1822	½"	.028"	6,500'	800#	16"	6"	TG

Polyester Strap

Customers today are experiencing the many cost saving advantages and performance benefits associated through the use of polyester strapping over other packaging alternatives.

Manufactured to the tightest industry tolerances, polyester strapping is AAR approved for use with brick and lumber. It has excellent retained tension properties which makes it ideal for heavy duty loads that require good initial tension as well as retained tension, which keeps the strap tight around the load even if the package settles and shrinks in size.

Standard Polyester

WIDTH	THICKNESS	FEET PER COIL	BREAK STRENGTH	ID	FACE	COLOR
28 Coils/Pallet - 2 Coils/Box						
½"	.020"	3,600'	600#	16"	3"	B, TG
½"	.025"	2,900'	725#	16"	3"	B
⅝"	.025"	2,300'	900#	16"	3"	B, TG
⅝"	.030"	1,900'	1100#	16"	3"	B, TG
28 Coils/Pallet - Bulk Pack						
⅜"	.021"	9,600'	460#	16"	6"	TG
½"	.020"	9,000'	600#	16"	6"	TG
½"	.025"	5,800'	725#	16"	6"	TG
½"	.030"	6,500'	875#	16"	6"	TG
½"	.030"	6,500'	800#	16"	6"	TG
⅝"	.030"	3,800'	1100#	16"	6"	TG
⅝"	.035"	4,000'	1400#	16"	6"	OG
⅝"	.040"	4,000'	1600#	16"	6"	OG
⅝"	.040"	3,000'	1900#	16"	6"	G
28 Coils/Pallet - 1 Coil/Box						
½"	.020"	7,200'	600#	16"	6"	B
½"	.025"	5,800'	775#	16"	6"	B
⅝"	.025"	4,400'	900#	16"	6"	TG
⅝"	.025"	4,600'	900#	16"	6"	B

Embossed Polyester

28 Coils/Pallet - Bulk Pack						
⅜"	.020"	12,500'	420#	16"	6"	TG
½"	.020"	10,000'	500#	16"	6"	TG
28 Coils/Pallet - 1 Coil/Box						
½"	.023"	8,200'	600#	16"	6"	TG

This graph illustrates the differences that exist between polypropylene, controlled elongation, Ultraband and polyester strapping.

