



Polyester Strapping

These coils secure lumber, heavy pallets, and other medium-to-large loads for storage and shipment. Polyester construction is noncorrosive so it will not damage surfaces. It is a safer alternative to steel and is more rigid and stretches less than polypropylene strapping, allowing it to retain tension over time. Polyester strapping is stronger than polypropylene strapping, but has less overall strength than stainless steel strapping. Apply strapping using manually-operated strapping tools or a strapping machine.

Hand-Grade—Manually apply to lumber, heavy pallets, and other medium-to-large loads. This strapping is generally used in low-to-moderate volume applications. It is secured using tensioning tools, seals, and sealers.

Machine-Grade—This strapping does not require seals. Automatic strapping machines are used in moderate-to-high volume applications.

Strapping Width	Thickness	Break Strength	Overall Length	Color	Core Size	Coil Width	Item No.
Hand Grade Polyester Strapping							
Standard Duty							
1/16 in	0.021 in	500 lb	300 ft	Green	—	1"	33RZ07
	0.02 in	600 lb	3,600 ft	Black	16 in Dia	3"	2CXK5
1/2 in	0.025 in	775 lb	2,900 ft	Black	16 in Dia	3"	2CXK8
	0.028 in	820 lb	300 ft	Green	—	1"	33RZ08
5/8 in	0.028 in	825 lb	300 ft	Green	1 in Dia	1/2"	6LGA7
	0.03 in	1,100 lb	300 ft	Green	1 in Dia	3/4"	6LGA9
3/4 in	0.03 in	1,100 lb	1,800 ft	Black	16 in Dia	3"	2CXL1
	0.05 in	1,400 lb	300 ft	Green	—	1"	33RZ09
3/4 in	0.035 in	2,500 lb	200 ft	Green	—	1"	33RZ10
Machine Grade Polyester Strapping							
Standard Duty							
1/16 in	0.021 in	460 lb	11,550 ft	Green	16 in Dia	6"	33RZ18
	0.018 in	500 lb	10,500 ft	Green	16 in Dia	6"	33RZ20
1/2 in	0.02 in	600 lb	7,200 ft	Black	16 in Dia	6"	2CXK4
	0.02 in	600 lb	7,200 ft	Green	16 in Dia	6"	2CXK3
5/8 in	0.021 in	600 lb	9,000 ft	Green	16 in Dia	6"	16P050
	0.025 in	650 lb	7,200 ft	Green	16 in Dia	6"	5JPR3
3/4 in	0.025 in	775 lb	5,800 ft	Black	16 in Dia	6"	2CXK7
	0.025 in	775 lb	5,800 ft	Green	16 in Dia	6"	2CXK6
1 in	0.028 in	820 lb	6,500 ft	Green	16 in Dia	6"	33RZ01
	0.025 in	900 lb	4,400 ft	Black	16 in Dia	6"	16P052
5/8 in	0.025 in	900 lb	4,400 ft	Green	16 in Dia	6"	16P053
	0.03 in	1,100 lb	3,600 ft	Black	16 in Dia	6"	2CXK9
3/4 in	0.03 in	1,100 lb	3,600 ft	Green	16 in Dia	6"	33RZ14
	0.035 in	1,300 lb	4,000 ft	Black	16 in Dia	6"	33RZ13
5/8 in	0.035 in	1,400 lb	4,000 ft	Black	16 in Dia	6"	16P055
	0.035 in	1,400 lb	4,000 ft	Green	16 in Dia	6"	2CXL2
3/4 in	0.035 in	1,400 lb	4,000 ft	Green	16 in Dia	6"	16P054
	0.035 in	1,400 lb	4,000 ft	Green	16 in Dia	6"	33RZ19
1 in	0.04 in	1,500 lb	4,000 ft	Green	16 in Dia	6"	5JPR5
	0.04 in	1,600 lb	4,000 ft	Black	16 in Dia	6"	16P057
5/8 in	0.04 in	1,600 lb	4,000 ft	Black	16 in Dia	16"	41P109
	0.04 in	1,600 lb	4,000 ft	Green	16 in Dia	6"	5JPR1
3/4 in	0.04 in	1,600 lb	4,999 ft	Green	16 in Dia	6"	16P056
	0.04 in	1,800 lb	3,000 ft	Green	16 in Dia	6"	5JPR6
1 in	0.04 in	1,900 lb	3,000 ft	Black	16 in Dia	6"	3HJ25
	0.04 in	1,900 lb	3,000 ft	Green	16 in Dia	6"	5JPR2
3/4 in	0.05 in	2,500 lb	2,400 ft	Green	16 in Dia	6"	33RZ04
	0.04 in	2,500 lb	2,200 ft	Green	16 in Dia	6"	16P060

SIGNODE
MIP Midwest Industrial Packaging

Seals for Polyester Strapping

A textured surface grips the smooth polyester surface to prevent the strapping from slipping and losing tension. Secure seals using a manual strapping sealer.

Open—These seals secure polyester strapping on flat surfaces. They are placed over the strapping during or after tensioning and can be used where high-tensile strength is needed.

Gripper—Sometimes called serrated seals, these gripper-style seals have barbs that grip the polyester strapping.



Fits Strap Width	Seal Length	Brand	Item No.	Pkg. Qty.
Open Seals				
Regular Duty Seals				
1/2 in	3/4 in	Signode	3A133	500
3/4 in	1 1/2 in	Signode	6BY60	1000
3/4 in	2 1/2 in	Signode	2MPX8	1000
Gripper Seals				
Heavy Duty Polyester				
3/4 in	1 1/4 in	Mip	16P176	1000
Heavy Duty Seals				
1/2 in	1 3/4 in	—	2CXP5	1000
3/4 in	1 3/4 in	—	2CXP6	1000
3/4 in	1 1/2 in	—	16P031	250
3/4 in	1 1/4 in	—	40TP76	1000



Sealer Tools for Polyester Strapping

These manually-operated tools apply pressure to crimp and secure strapping seals to polyester strapping.

Standard-Duty—These tools have shorter handles and apply less pressure than heavy-duty sealer tools. They crimp and secure strapping standard-duty seals.

Heavy-Duty—Longer handles for the pressure required when working with heavy-duty strapping and seals. They crimp standard and heavy seals.

Fits Strap Width	Fits Strap Tensile	Overall Length	Handle Length	Tool Joint Type	Brand	Item No.
Standard-Duty						
1/2 in	.020	—	—	Crimp	Signode	3A124
1/2 in	600 to 820 lb	19 1/2 in	17 in	Crimp	—	2CXN5
Heavy-Duty						
1/2 in	.028 to .050	19 in	17 in	Serrated Crimp	MIP	16P170
3/4 in	.028 to .050	21 in	17 in	Serrated Crimp	MIP	16P171
3/4 in	.028 to .050	19 1/2 in	17 in	Crimp	—	2CXN6
3/4 in	.028 to .050	19 in	17 in	Serrated Crimp	MIP	16P172
3/4 in	1900 to 2500 lb	19 1/2 in	17 in	Crimp	—	40TP77
3/4 in	1100 to 1900 lb	23 in	20 in	Crimp	—	16P077



Manual Tensioner Tools for Polyester Strapping

• Flat seal surface type

Tighten the strapping before securing it using a seal and sealing tool. Correct tensioning prevents damage caused by over tensioning, and keeps bundles and packages secure.

Tensioner Type	Fits Strap Width	Fits Strap Tensile	Seal Surface Type	Tool Wt.	Brand	Item No.
Regular Duty						
Feedwheel Tensioner	1/2 in	.020	Flat	1 lb	Signode	3A083
	1/2 in	.020	Flat	4 lb	Signode	3XG94
Windlass Tensioner	1/2 in to 3/4 in	.015 to .050	Flat	5 lb	Encore	49H257
Windlass Tensioner	1/2 in to 3/4 in	.040	Flat	—	Signode	4FKW5
Windlass Tensioner	3/4 in to 1 in	.050	Flat	9 lb	Signode	4FKW6
Heavy Duty						
Windlass Tensioner	1/2 in to 3/4 in	1900 lb	Flat	4 lb	—	9ADJ5



Combination Tools for Polyester Strapping

• Friction weld joint type

Tension, seal, and cut strapping in a single operation, eliminating the need to use a different tool for each operation. Combination tools can be used on flat or round surfaces, and are used in medium-to-high volume applications.

Battery—A rechargeable battery allows the tool to be easily moved around a worksite. One-hand operation with no need for external attachments or power sources.

Pneumatic—Also called air-powered combination tools, these pneumatic tools are powered by a compressed air system. They can be operated with one hand.

Fits Strap Width	Fits Strap Tensile	Tool Tension Capacity	Battery Voltage	Pressure	Brand	Item No.
Battery Combination Tools						
1/2 in, 3/4 in	—	550 lb	18 V	—	Signode	429T82
3/4 in	.042 to .053	900 lb	18 V	—	Fromm	45HY87
3/4 in	.047 to .060	1,575 lb	36 V	—	Pac Strapping	40TP70
3/4 in, 5/8 in	—	900 lb	18 V	—	Signode	429T83
3/4 in	.023 to .053	880 lb	18 V	—	Pac Strapping	196ZF3
Pneumatic Combination Tools						
3/4 in	.020 to .035	450 lb	—	70 to 99 psi	Pac Strapping	40TP65
3/4 in to 1/2 in	.025	180 lb	—	—	Signode	16W206
3/4 in	.035	800 lb	—	85 to 90 psi	Signode	62G44
3/4 in	.040 to .055	1,250 lb	—	70 to 99 psi	Pac Strapping	40TP53
1 in	.040 to .055	1,280 lb	—	70 to 99 psi	Pac Strapping	16P078