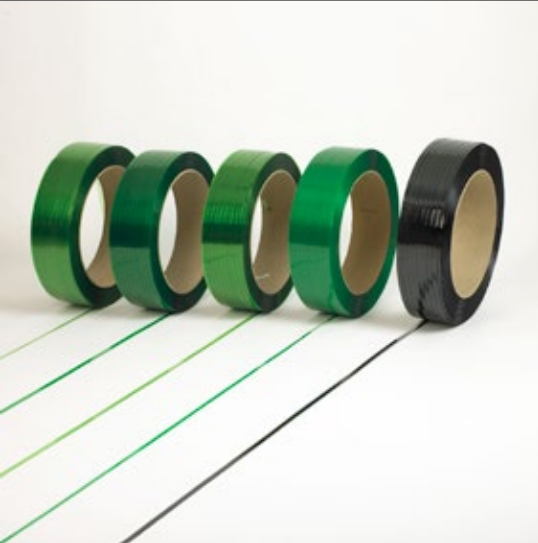


PAC Strapping Products Inc.

Integrated Strapping Systems & Solutions



Product Catalog

World Class Products, Home Town Service.

Thank you for choosing PAC Strapping Products, Inc.

For over 34 years we have been using the inside cover of our catalog to publicly state to our stakeholders what we stand for as a company. That can be dangerous, because when you put it in writing it's out there for everyone to see. So, as we reprint our latest catalog cover (with the continued reliance on the web for information, this could be our last), what have we committed to and, more importantly, how have we done?

- We have consistently talked about change and how we will embrace change that is beneficial to our stakeholders.
- We committed to continuing our investment in plant, equipment, and technology to keep our customers competitive in their marketplace.
- We have repeatedly committed our company to bring value to the distributor marketplace.
- And finally, we have repeatedly promised to improve our products, our service, and our delivery to bring our customers the best value in our industry.

Here's where we stand:

We have just completed another significant expansion of our South Carolina manufacturing facility. Following up on our recent expansion of polyester capacity, we also made a significant investment in polypropylene including the ability to manufacture a comprehensive line of low elongation polypropylene. This new production capacity positions us for future growth in our two fast-growing business segments.

In looking over our catalog and website: www.StrapSolutions.com, you will see a number of new strapping tools, machines, strap sizes and types. In fact, new products and new product development remain a critical part of our growth, and the growth of our customers.

On the technology front, in addition to improvements in manufacturing technology, we have revamped our order processing capabilities and are in the midst of a major upgrade to our warehousing systems. The end result for our customers will be more timely information and better availability of product where and when you need it.

And finally, in the area of continuous improvement, make no mistake about it... we want to be the best at what we do. Every aspect of our service component—product quality, product availability, the time it takes for your customer rep to get back to you, the skill and knowledge of your sales rep—are all under constant review, evaluation and improvement. We are not where we want to be in every aspect of our business, and when we get there we'll raise the bar again.

Frankly, PAC has grown consistently and profitably for the past several years. We recognize that it's you—our employees, our suppliers, and especially our customers—who have made this possible.

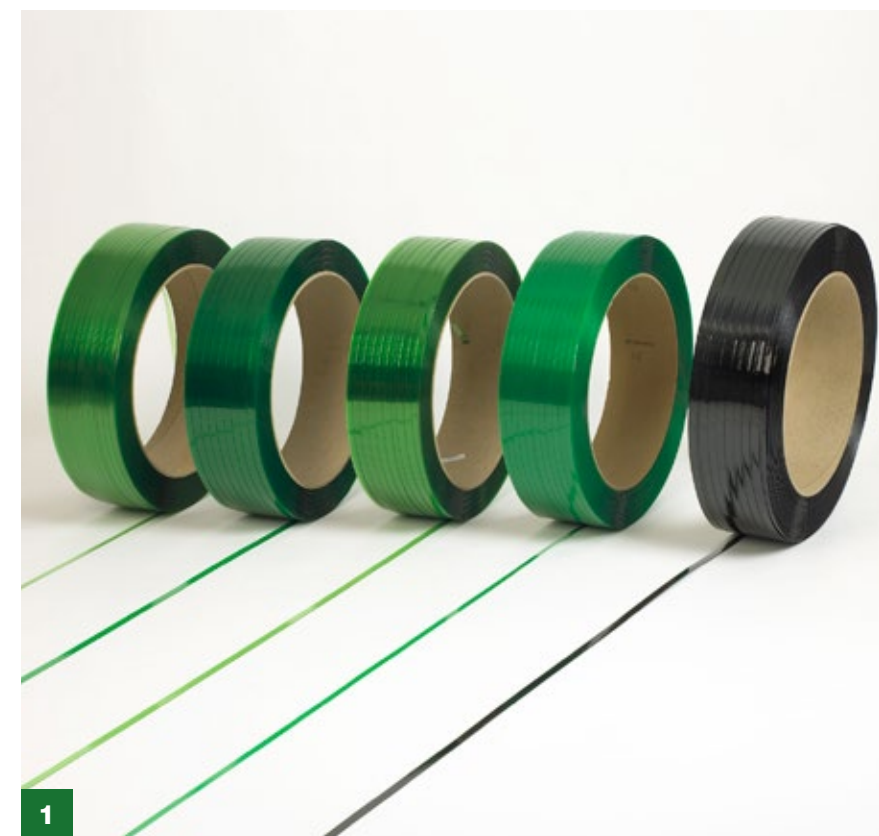
Thank you!

MISSION

STATEMENT

The mission of PAC Strapping Products, Inc. is to be a leader in the Strapping Industry. In order to accomplish our mission we will:

- Provide the best value in our industry to our customers by supplying a full line of quality products, on-time delivery, and innovative solutions.
- Develop and maintain convenient channels that make our products readily available to our entire market.
- Utilize world-class methodologies to maximize the efficiencies for our customers.
- Foster an environment of teamwork, innovation, and integrity with all our stakeholders.



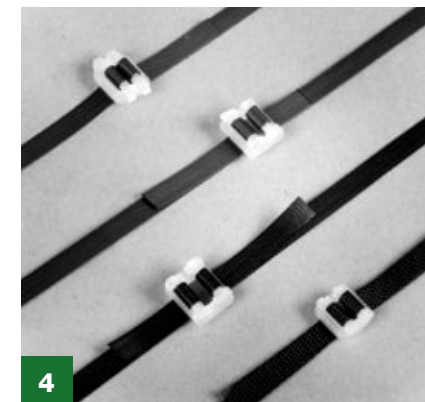
- 1 PLASTIC STRAPPING**
- Polypropylene Strapping-Machine Grade and Hand Grade
 - Polyester Strapping-Machine Grade and Hand Grade
 - Polyester and Cord Strapping
 - Specialty Strapping Products

- 2 STRAPPING MACHINES**
- Semi Automatic Machines for Plastic Strapping
 - Automatic Machines for Plastic Strapping
 - Custom Designed and Fully Integrated Packaging Systems

- 3 STRAPPING TOOLS**
- Manual Tools for Plastic Strapping
 - Manual Tools for Steel Strapping
 - Power Tools for Plastic and Steel Strapping

- 4 ACCESSORY PRODUCTS**
- Wire and Plastic Buckles for Plastic Strapping
 - Seals for Plastic and Steel Strapping
 - Corner Protectors
 - Strapping Dispensers
 - Misc. Strapping Accessories

- 5 STRAPPING KITS**
- Regular and Heavy Duty Strapping Kits
 - Plastic Strapping Kits
 - Steel Strapping Kits
 - Specialty Kits for Unique Applications



Distributor Sales & Service Information

Thank you for choosing PAC Strapping Products as your supplier. Our goal is to provide distributors with a broad range of strapping products, the best service in the industry, and pricing that will enhance your bottom line. We recognize that our success depends on your ability to sell our products in your market, and we will provide whatever assistance we can to help you expand the sales and profitability of our products. All of our personnel are knowledgeable and can assist you with placing an order, expediting a shipment, or providing you with market competitive information.

Our sales and service practices are designed to make it easy to do business with us. We encourage you to call on us for all of your strapping needs.

Demos:

In plant demonstration of tools and machines is an effective sales tool. We encourage distributors to stock both tools and machines so they can quickly respond to their customer's requests for demos. We will also assist distributors with demo units where appropriate. If a unit is ordered for demo please note the following practices:

TOOLS

In the unlikely event that a tool is not sold, it can be accepted back for credit under the following conditions:

- Demo tools must be returned in the original carton, complete with all manuals and accessories, within 14 days of the original invoice date.
- Tools will be evaluated upon their return. Tools that can be resold as new will be returned to stock and full credit (less applicable freight charge) will be issued.
- Tools returned beyond the time limit, or unable to be resold as new, will be subject to our usual return goods practice.

MACHINES

In the event a machine is not sold and must be returned, credit will be issued under the following conditions:

- Machines must be returned, freight prepaid, in their original crate, complete with all tools, manuals and accessories within 14 days of the original invoice date.
- Machines will be evaluated upon their return. Machines that can be resold as new will be given full credit, less all applicable freight charges.
- If machines require service or parts to be restored to like new condition, the distributor will be billed for actual charges.
- Machines returned beyond the time limit or those unable to be restored to like new condition, will be subject to our usual return goods practice.

Drop Shipments

We will be happy to drop ship orders under your company name with no additional shipment charge.

Freight

Prices are F.O.B. Mill, freight collect. If requested, we will prepay freight charges and add them to your invoice. Freight charges are prepaid and allowed on orders of 240 coils of plastic strapping. Machines and accessories are prepaid when shipped with a 240 coil prepaid order.

Guarantees

Standard warranties, which cover manufacturing defects only, are as follows:

Premium Tools	90 days, parts and labor
PAC Tools	90 days, parts and labor
Strapping Machines & Systems	1 year parts/30 days labor

**All warranties are from the date of the invoice*

Certain machines, tools and parts may have longer warranties. In addition, special order machines and tools may have more limited warranties. Please contact Customer Service for details.

Handling Charges

Orders shipped UPS and overnight express require additional packaging and handling, and will be assessed a handling charge.

Lead Times

We ship most stock orders within 48 hours. However, in order to reduce freight costs, we require up to seven business days to ship prepaid shipments or to ship your order from the most favorable warehouse.

Minimum Orders

Our minimum order is \$50. In addition, certain items are available only in full skid quantities.

Non-Stock Products

We encourage you to call on us for specialty products not on our price list. We can supply you with non-stock sizes and colors of strapping, specialty tools for steel and plastic strapping, and machines for special applications. Non-stock products are usually subject to minimum quantities. Please contact Customer Service for details.

Packaging

STRAPPING

Packaging and skid configurations are noted in the catalog for each individual strapping item we supply.

ACCESSORY PRODUCTS

Many accessory products are available in several alternative case packs. Packaging alternatives on all accessories are noted for each item on the price list.

Private Labeling

We will be happy to private label cartons with your company name and reorder information. Private labeling is subject to certain minimum sales requirements and surcharges.

Product Use

Before using, the user should determine the suitability of the strapping or the machinery for its intended use. All technical information and recommendations supplied by PAC Strapping Products are based on information we believe to be reliable. However, the accuracy or completeness is not guaranteed. Accordingly, PAC Strapping Product's obligation is limited to replacement of products that prove to be defective.

Quantity Discounts

Items may be combined with similar items for maximum quantity discounts, e.g., buckles, seals, edge protectors and steel seals may be combined when ordered in full skid quantities only.

Returns

Your satisfaction with our products is our primary goal. If, for any reason, you have a return, simply call Customer Service for a merchandise return authorization number. Returns due to customer overstock or ordering errors are subject to a minimum 15% restocking charge. Certain items, such as non-stock specialty items, and items over one year old, are not returnable for credit.

Service and Repairs

We service and stock parts for all PAC model tools and machines. Repairs done beyond the warranty period will be billed at our prevailing rate. If you need a cost estimate on a repair, please let us know and we will provide an estimate, free of charge, before proceeding with the repair. In the event of a distributor made repair during the warranty period, please contact Customer Service so we can authorize a warranty credit.

We will also repair, limited to parts availability, competitive tools for stocking distributors. In most cases, repaired tools are returned to you within seven days.

Terms

Our standard terms are 1 percent 10, net 30, with approved credit. Custom products and packaging systems require a deposit at the time of order placement.

THANK YOU!

Strapping



Plastic Strapping Guide

PERFORMANCE	POLYPROPYLENE	POLYESTER	POLYESTER CORD	STEEL
Break Strength	Good	Very Good	Very Good	Excellent
Elongation*	18-24%	10-12%	10-12%	1%
Ability to Retain Tension	Poor	Very Good	Very Good	Excellent
Elongation Recovery	Excellent	Good	Good	Poor
Split Resistance	Poor	Very Good	Good	Excellent
Recyclability	Excellent	Excellent	Good	Poor
Cost	Least Expensive	More Expensive	More Expensive	Most Expensive
Shock Resistance	Good	Very Good	Excellent	Poor

*In the working range (40-60% of ultimate break strength).

Applications Information

All plastic strapping can be applied manually and sealed with either buckles or seals. Manual application is ideal for low and moderate volume users and requires little or no investment in tooling. In addition, manually applied strapping is frequently specified in light duty, high volume applications where the cost of an automated system cannot be justified. Polypropylene and polyester strapping can also be applied with battery powered and pneumatic tools using either a friction weld or a mechanical seal. A moderate investment in tooling can frequently be cost justified by seal and buckle savings in sealless tools.

The next level of application utilizes semi automatic or automatic machines. When applying strapping with automatic machines, machine grade strapping must be specified.

Machine grade strapping is manufactured under closer tolerances and has minimal camber. Semi automatic (archless) machines have become affordable for even occasional users, and should be specified with semi-automatic strapping for maximum cost effectiveness. Automatic machines can range from operator assisted full arch machines to fully automatic in-line systems.

The general rule in specifying application methods is this:

Up front expenditures in tooling and machinery will increase tension capability, consistency, and joint efficiency, while reducing costs of closures, waste and labor.

This guide is not intended to be an all inclusive technical reference manual of plastic strapping. It is, however, designed to familiarize distributors and users with the basic characteristics of plastic strapping, the types of strapping available from PAC Strapping Products, Inc., application methods and specification guidelines.

Plastic Strapping Guide

Polypropylene Strapping

Polypropylene strapping is the most commonly used and least expensive of all strapping materials. It's light and easy to apply and recycle. Characteristics include high elongation and elongation recovery, but low retained tension.

Polypropylene is available in both manual and machine grade and can be sealed with buckles, seals, heat seals, or friction welds.

Polypropylene is an excellent choice for light duty palletizing, unitizing, carton closing, and bundling. It is used in all semi automatic strappers and many stand alone arch machines.

Polyester Strapping

Polyester is the most rigid of all strapping materials. It elongates significantly less than polypropylene and retains tension over a longer period. Polyester is nick resistant and can be sealed with seals, heat, or friction welds.

Because polyester offers the greatest strength and highest retained tension of all plastic strapping, it is frequently used on heavy duty loads that need high initial tension along with high retained tension during handling and storage. Common applications are empty cans and bottles, lumber, and heavy, rigid palletizing. In addition, favorable pricing and performance characteristics have driven many steel strapping applications to polyester. Polyester is available in both machine grade and hand grade and is easy to dispose of and recycle.

PAC Polyester Cord Strapping

Cord Strapping is available in three basic forms: uniline, cross woven and composite. Composite Cord is manufactured with an exterior polymer coating. Uniline cord is manufactured by gluing fibers together with cross woven a cross weave is added between the fibers. Cord is used only in manual applications and is sealed using buckles, seals or tied. Polyester cord offers excellent resistance to moisture and is frequently used in outdoor applications. The heavy duty polyester sizes are now frequently replacing steel in lumber applications. Other common uses are agricultural (bracing of fruit trees) and the boat industry.

Steel

Steel is the strongest of all strapping materials. It is recommended where high strength is necessary, low elongation is important, and where the product is extremely sharp or hot. Steel is sealed using mechanical seals and notch (sealless) type joints.

Although the market for steel is declining, there are numerous applications where steel is the preferred alternative. It is most commonly used in steel service centers, rail car applications and heavy construction applications. Steel can be dangerous to work with, and difficult to recycle.

Common Strapping Terms

Break Strength - The amount of force, expressed in pounds, required to break the strap.

Camber - Camber is the amount of "twist" or curve in strapping. Camber is not a major factor in manually applied strapping. However, machine grade strapping must be relatively camber free to allow it to travel through the machine's arch.

Creep - A loss of retained tension, or tension decay, creep is the loss in initial tension that occurs over a period of time.

Elongation - This is the amount of stretch in the strap as force or tension is applied. Elongation is generally expressed in the working range (40-60% of the ultimate break strength).

Elongation Recovery - This is the strap's ability to recover to its original state after tensioning.

Embossing - Embossing is the textured pattern applied to most machine-direction oriented polypropylene strapping in the manufacturing process. A properly designed and applied embossing pattern will enhance split resistance, improve stiffness characteristics, and increase joint efficiency.

Hand Grade Strapping - Hand grade product is designed to be applied by hand, with manual, battery powered or pneumatic tools.

Joint Efficiency - The total usable strength of strap is only as strong as the joint holding the two ends together. The "joint efficiency" is expressed as a percentage of the total breaking strength of the strap.

Machine Grade Strapping - Machine grade strapping is polypropylene or polyester designed to run through full track, arch machines.

Retained Tension - Retained tension is the strap's ability to retain its initial tension level after the passage of time. Of all non-metallic, strap polyester will have the highest retained tension, when properly applied.

Semi Automatic Strap - This is a cost efficient strap designed for archless machines. It lacks the stiffness required for full track machines but is an excellent alternative for semi automatics.

Shock Resistance - This is the strap's ability to stretch and return to its original state without breaking when subjected to sudden impact.

Split Resistance - The strap's ability to withstand lateral tears.

Thickness - Because of its embossing pattern, strap thickness is a relatively nebulous measurement. A standard 1/2" machine grade strap can be embossed to a thickness of anywhere between .014 and .030, depending on how deep the embossing pattern is. In an overly embossed strap, the thickness measurement will be greater, and the break strength will be lower.

Specifying By Break Strength

The following general formulas will yield a starting point for how much break strength is needed to strap a product, depending on the application. Ratios apply to total strap break strength, so the required tensile strength must be divided by the number of straps to be applied. In addition, strapping requirements are influenced by many other factors besides weight. The intended use of the strap, handling characteristics, and load characteristics must be factored into the specification. Consequently, packages traveling long distances under adverse conditions will require extra protection.

Carton Reinforcement - A 3 to 1 ratio of total strap break strength to package weight is a good guideline for reinforcement applications.

Palletized Cases - Use the following formula to determine strap break strength on palletized loads:

$$\frac{\text{Pallet Weight} \times 1.5}{\text{\# of Straps}} = \text{Required Tensile Strength}$$

Unitizing and Bundling - In this application the strap is the package. In order to protect against failure use a 5 to 1 ratio of strap break strength to package weight.

Application Chart

STRAP TYPE	APPLIED BY	CLOSURE USED	LOAD CHARACTERISTICS	TYPICAL APPLICATIONS
POLYPROPYLENE				
Standard Hand Grade	Hand Manual Tools Power Tools	Buckles Buckles/Seals Friction Weld	Compressible Expandable	Palletizing, Lightweight Package Reinforcement
Low Elongation	Manual Tools Semi Auto/Arch Machines	Seals/ Friction Weld Heat Welds	Rigid Expanding	As a Substitute for Steel or Polyester
Semi Automatic Machine Grade	Semi Automatic Machines	Heat Seal	Compressible Expanding	Bundling Carton Closing Carton Reinforcement UPS Unitizing
Machine Grade	Automatic Machines	Heat Seal Friction Weld	Compressible Expanding	Similar to Semi-Automatic with Higher Volumes
POLYESTER				
Hand Grade	Manual Tools Power Tools	Seals Friction Weld	Rigid	Heavy Duty Palletizing, As a Substitute for Steel
Machine Grade	Automatic Machines Fully Automatic Strapping Systems	Friction Weld Heat Welds	Rigid	Fine Paper Beverage Cans/Bottles Brick/Blocks Lumber/Timber
CORD				
Polyester Cord	Hand Manual Tools	Tied/Buckles Buckle/Seals	Combination	Agricultural Building Trades Boat Industry
Rayon Cord	Hand Manual Tools	Tied/Buckles Buckle/Seals	-	Tying Applications
STEEL				
Manually Applied Steel**	Manual Tools Power Tools	Seals Sealless Joints	Rigid	Steel Service Centers, Heated Product, Product with Sharp Edges

**Polyester and steel strap are frequently recommended on compressible loads where the loads cannot be allowed to return to their pre-compression dimensions.

The PAC commitment to manufacturing quality plastic strapping begins with the finest production equipment available in the industry. We set rigid quality control standards and utilize the best raw materials available. Most importantly, our experienced manufacturing team maintains a relentless commitment to manufacturing the finest product in the world. The result is a consistent, quality product that you can depend on every time you order. In addition to the stock sizes listed below, we can manufacture special sizes, colors, and products. If you have a requirement for a product not listed, please contact customer service or your sales representative for minimums, pricing, and availability.

Hand Grade Polypropylene

PRODUCT CODE	COIL WIDTH (inches)	LENGTH (ft./coil)	NOMINAL BREAK (lbs.)	CORE SIZE (ID/face)	COLOR	SHIPPING WGT. (lbs./coil)
48H.30.0112**	1/2"	12,000	300	16x6	Black	25
48H.30.0190	1/2"	9,000	300	16x6	Black	23
48H.30.2190	1/2"	9,000	300	8x8	Black	21
48H.30.1145	1/2"	4,500	300	16x3	Black	12
48H.30.2112**	1/2"	12,000	300	8x8	Black	25
48H.30.7130	1/2"	3,000	300	4x6	Black	7
48H.40.0190	1/2"	9,000	400	16x6	Black	29
48H.40.2190	1/2"	9,000	400	8x8	Black	28
48H.40.1145	1/2"	4,500	400	16x3	Black	15
48H.50.0172	1/2"	7,200	500	16x6	Black	29
48H.50.2172	1/2"	7,200	500	8x8	Black	27
48H.50.1136	1/2"	3,600	500	16x3	Black	14
48H.50.0472	1/2"	7,200	500	16x6	Yellow	29
48H.60.0166	1/2"	6,600	600	16x6	Yellow	31
48H.60.0172	1/2"	7,200	600	16x6	Black	32
48H.60.2172	1/2"	7,200	600	8x8	Black	32
48H.60.1136	1/2"	3,600	600	16x3	Black	18
48H.75.0155	1/2"	5,500	750	16x6	Black	34
48H.75.2155	1/2"	5,500	750	8x8	Black	34
58H.80.0154	5/8"	5,400	800	16x6	Black	33
58H.80.2154	5/8"	5,400	800	8x8	Black	32
58H.80.1127	5/8"	2,700	800	16x3	Black	17
58H.10.0135	5/8"	3,500	1,000	16x6	Black	27
58H.10.1122	5/8"	2,200	1,000	16x3	Black	17
68H.10.0145	5/8"	4,500	1,000	16x6	Black	35
68H.10.2145	5/8"	4,500	1,000	8x8	Black	33
68H.10.1122	5/8"	2,200	1,000	16x3	Black	17

Item No.	Description	Color	Average Length (ft)	Normal Break Strength (lbs.)	Core Size	Coils Per Caton	Shipping Wt. Per Carton (lbs.)	Coils Per Pallet	Shipping Wt. Per Pallet (lbs.)
HAND GRADE LOW ELONGATION POLYPROPYLENE									
12HLE.80.0766	1/2" Low Elongation PPY	Silver	6,600	800	16"x6"	4	35	24	850
58HLE.10.0751	5/8" Low Elongation PPY	Silver	5,100	1025	16"x6"	4	38	24	925
58HLE.12.0740	5/8" Low Elongation PPY	Silver	4,000	1250	16"x6"	4	35	24	850

*Hand grade low elongation polypropylene

**Available in skid quantities only

Standard Machine Grade Polypropylene

PRODUCT CODE	COIL WIDTH (inches)	LENGTH (ft./coil)	NOMINAL BREAK (lbs.)	CORE SIZE (ID/face)	COLOR	SHIPPING WGT. (lbs./coil)
28M.20.2215	1/4"-6MM	15,000	200	8X8	White	20
28M.20.2218	1/4"-6MM	18,000	200	8X8	White	29
28M.20.2318	1/4"-6MM	18,000	200	8X8	Clear	29
28M.20.2418	1/4"-6MM	18,000	200	8X8	Yellow	29
28M.20.3218	1/4"-6MM	18,000	200	9X8	White	29
28M.20.3222**	1/4"-6MM	22,000	200	9X8	White	32
28M.20.3318	1/4"-6MM	18,000	200	9X8	Clear	29
28M.20.3322**	1/4"-6MM	22,000	200	9X8	Clear	32
28M.20.3418	1/4"-6MM	18,000	200	9X8	Yellow	29
28M.20.3422**	1/4"-6MM	22,000	200	9X8	Yellow	32
28M.20.3420	1/4"-6MM	20,000	200	9X8	Yellow	32
38M.25.2212	3/8"-9MM	12,900	250	8X8	White	28
38M.25.2312**	3/8"-9MM	12,900	250	8X8	Clear	28
38M.25.3112	3/8"-9MM	12,900	250	9X8	Black	28
38M.25.3212	3/8"-9MM	12,900	250	9X8	White	28
38M.25.3312**	3/8"-9MM	12,900	250	9X8	Clear	28
38M.25.3412**	3/8"-9MM	12,900	250	9X8	Yellow	28
38M.30.2112	3/8"-9MM	12,900	300	8X8	Black	30
38M.30.2212	3/8"-9MM	12,900	300	8X8	White	30
38M.30.2312	3/8"-9MM	12,900	300	8X8	Clear	30
38M.30.2412	3/8"-9MM	12,900	300	8X8	Yellow	30
38M.30.3112	3/8"-9MM	12,900	300	9X8	Black	30
38M.30.3212	3/8"-9MM	12,900	300	9X8	White	30
38M.30.3312	3/8"-9MM	12,900	300	9X8	Clear	30
38M.30.3412	3/8"-9MM	12,900	300	9X8	Yellow	30
38M.40.0187**	3/8"-9MM	8,700	400	16X6	Black	28
38M.40.0287	3/8"-9MM	8,700	400	16X6	White	28
48M.27.2190	1/2"-12MM	9,000	275	8X8	Black	23
48M.27.2290	1/2"-12MM	9,000	275	8X8	White	23
48M.27.3190	1/2"-12MM	9,000	275	8X8	Black	24
48M.27.3290	1/2"-12MM	9,000	275	9X8	White	24
48M.32.2199	1/2"-12MM	9,900	325	8X8	Black	28
48M.32.2299	1/2"-12MM	9,900	325	8X8	White	28
48M.32.2399	1/2"-12MM	9,900	325	8X8	Clear	28
48M.32.2499	1/2"-12MM	9,900	325	8X8	Yellow	28
48M.32.3199	1/2"-12MM	9,900	325	9X8	Black	28
48M.32.3299	1/2"-12MM	9,900	325	9X8	White	28
48M.32.3399	1/2"-12MM	9,900	325	9X8	Clear	28
48M.32.3499	1/2"-12MM	9,900	325	9X8	Yellow	28

**Available in skid quantities only

Standard Machine Grade Polypropylene cont.

PRODUCT CODE	COIL WIDTH (inches)	LENGTH (ft./coil)	NOMINAL BREAK (lbs.)	CORE SIZE (ID/face)	COLOR	SHIPPING WGT. (lbs./coil)
48M.50.2272	1/2"	7,200	500	8X8	White	28
48M.50.3272	1/2"	7,200	500	9X8	White	28
48M.50.3372	1/2"	7,200	500	9X8	Clear	28
48M.50.0166	1/2"	6,600	500	16X6	Black	27
48M.50.0182	1/2"	8,200	500	16X6	Black	33
48M.50.0266	1/2"	6,600	500	16X6	White	27
48M.50.0282	1/2"	8,200	500	16X6	White	33
48M.50.0466**	1/2"	6,600	500	16X6	Yellow	27
48M.60.0160	1/2"	6,000	600	16X6	Black	28
48M.60.0260**	1/2"	6,000	600	16X6	White	29
48M.65.0172	1/2"	7,200	650	16X6	Black	37
48M.65.0472	1/2"	7,200	650	16X6	Yellow	37
48M.65.A195**	1/2"	9,500	650	24X6	Black	52
48M.65.A495**	1/2"	9,500	650	24X6	Yellow	52
48M.75.A180**	1/2"	8,000	750	24X6	Black	52

Item No.	Description	Color	Average Length (ft)	Normal Break Strength (lbs.)	Core Size	Coils Per Carton	Shipping Wt. Per Carton (lbs.)	Coils Per Pallet	Shipping Wt. Per Pallet (lbs.)
MACHINE GRADE LOW ELONGATION									
12MLE.50.0280	1/2" Polyester Cord	White	8,000	500	16"x6"	4	32	24	780
12MLE.60.0272	1/2" Polyester Cord	White	7,200	600	16"x6"	4	35	24	825

**Available in skid quantities only

Machine Grade Polypropylene—Metric Sizes

PRODUCT CODE	COIL WIDTH (inches)	LENGTH (ft./coil)	NOMINAL BREAK (lbs.)	CORE SIZE (ID/face)	COLOR	SHIPPING WGT. (lbs./coil)
5MM.11.2224	5MM	24,000	110	8X8	White	26
5MM.11.6224	5MM	24,000	110	8X7	White	26
5MM.13.2223	5MM	23,000	130	8X8	White	26
5MM.13.6223	5MM	23,000	130	8X7	White	26
5MM.13.6324	5MM	24,000	130	8X7	Clear	25

*Machine grade low elongation
**Available in skid quantities only

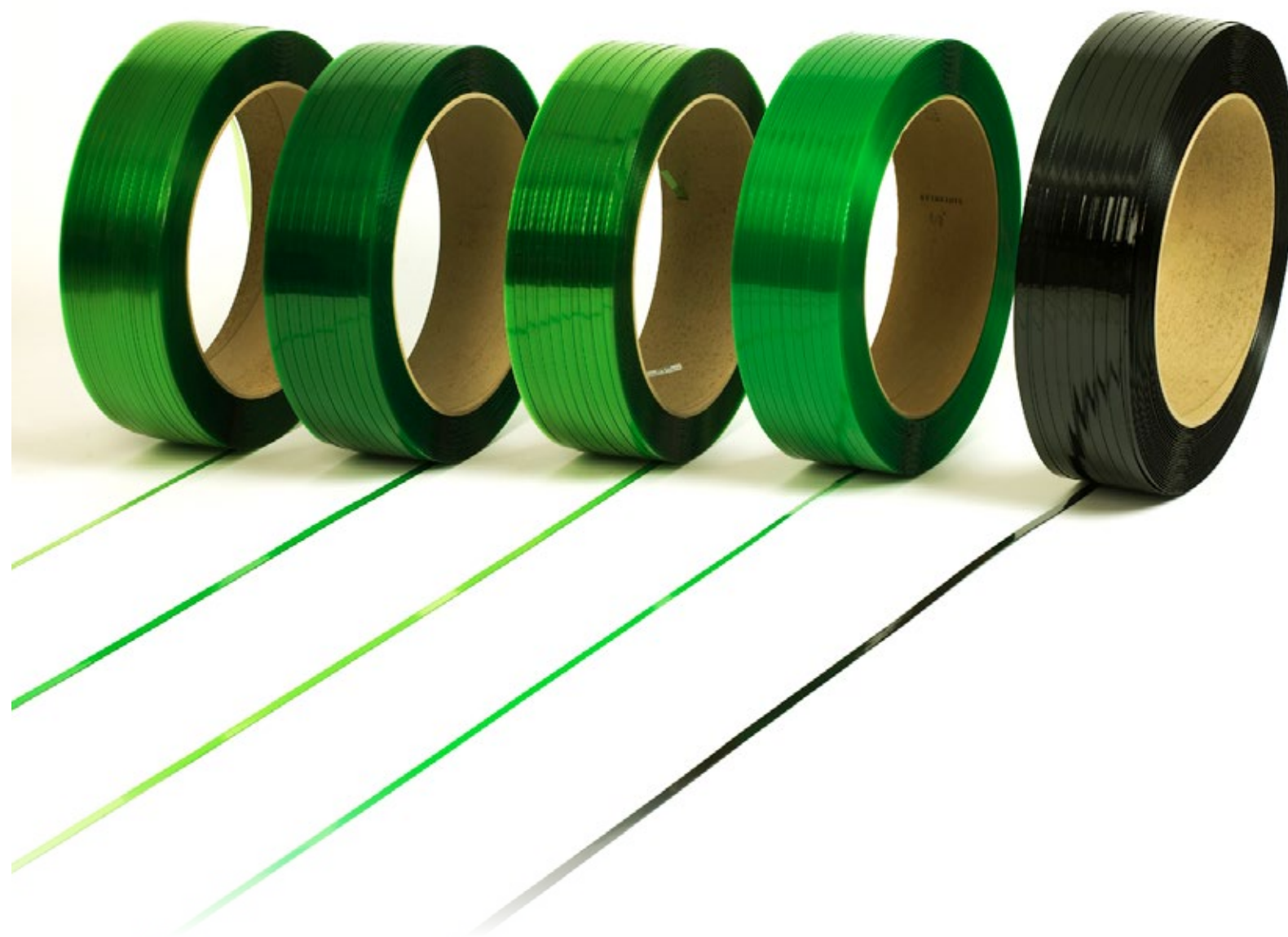
Machine Grade Strap for Signode Machines and Tools

PRODUCT CODE	COIL WIDTH (inches)	LENGTH (ft./coil)	NOMINAL BREAK (lbs.)	CORE SIZE (ID/face)	COLOR	SHIPPING WGT. (lbs./coil)
714C-PAC	7/16"	10,500	400	16X6	Clear	38
714B-PAC	7/16"	10,500	400	16X6	Black	38
716C-PAC	7/16"	8,000	500	16X6	Clear	39
716B-PAC	7/16"	8,000	500	16X6	Black	39
716BTG-PAC†	7/16"	8,000	500	16X6	Black	36
718B-PAC	7/16"	7,000	600	16X6	Black	39
718BTG-PAC†	7/16"	7,000	600	16X6	Black	35
719C-PAC	7/16"	12,000	400	16X6	Clear	41
719B-PAC	7/16"	12,000	400	16X6	Black	41
723C-PAC	7/16"	9,000	500	16X6	Clear	39
723B-PAC	7/16"	9,000	500	16X6	Black	39
729B-PAC	7/16"	7,700	600	16X6	Black	40
816B-PAC	1/2"	8,000	500	16X6	Black	33
818B-PAC	1/2"	9,000	600	16X6	Black	35
SP616C-PAC	3/8"	12,000	300	7.88X7.5	Clear	33
SP616B-PAC	3/8"	12,000	300	7.88X7.5	Black	33
SP716C-PAC	7/16"	6,700	500	7.88X7.5	Clear	30
SP716B-PAC	7/16"	6,700	500	7.88X7.5	Black	30
SP719C-PAC	7/16"	9,000	400	7.88X7.5	Clear	32
SP723C-PAC	7/16"	7,500	500	7.88X7.5	Clear	34
SP723B-PAC	7/16"	7,500	500	7.88X7.5	Black	34
LB112	5mm	30,000	100	8x8	Clear & Yellow	31
LB113	5mm	25,000	120	8x8	Clear & Yellow	31
SP216	6mm	18,000	200	7.88x7.5	Clear & Yellow	28
HB812	12mm	12,000	300	7.88x7.5	Black	29

All Signode equivalent straps are available in skid quantities only
 †Tool grade for use in manual, electric or pneumatic hand tools only

High Performance Polyester Strapping

Quality Products & Consistent Performance that are a Cost-Effective Solution to your Strapping Requirements



PAC Strapping High Performance polyester strapping is engineered to provide you with a consistent, high quality product for your toughest strapping applications. Utilizing the latest in technology, our experienced manufacturing team sets rigid quality standards, and maintains a relentless commitment to producing a range of polyester strap that consistently performs in the most demanding applications.

The PAC High Performance Polyester Advantage

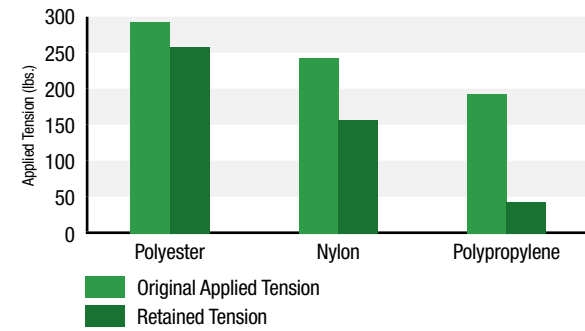
Unlike alternative strapping products, PAC polyester combines the strength of steel strapping with the safety and economy of plastic to maximize performance. The result is a more secure load at a lower cost than many alternatives.

Some of the many advantages of PAC polyester over alternative products are:

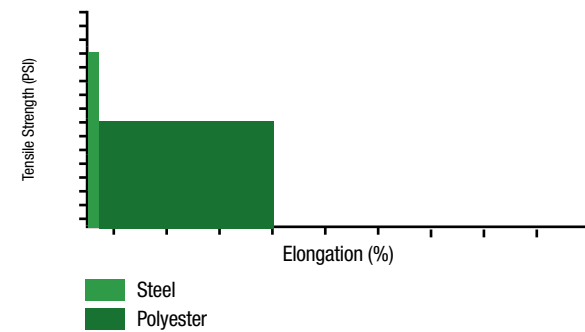
- **Split Resistance** - A small nick or cut will not propagate across the width of the strap.
- **High Retained Tension** - The high tension capability of PAC high performance polyester allows it to be applied tight. Once it's on your load, it stays tight... 50% tighter than nylon, and up to five times tighter than polypropylene.
- **Elongation Recovery** - Applied properly, PAC high performance polyester will stretch under tension. However, most of the elongation is recovered after the initial application. The result is a strap that stays tight even when loads are shrinking and settling during transit.
- **Environmentally Sound** - PAC polyester is easy to recycle and nearly impervious to weather conditions.
- **Not just a "cheaper" alternative to steel** - For many applications, it's a better solution. Historically, steel strapping has been the preferred choice for certain types of loads. PAC high performance polyester is now a better alternative for many of these applications. Unlike steel, PAC polyester has "shock reserve" which allows the strap to compensate for stresses during transit and recover so it stays secure. PAC's high performance polyester has several other advantages over steel strapping.

- **Safety** - Not only is the danger of recoil injuries greatly reduced, PET coils weigh about half the weight of steel coils reducing potential lifting injuries.
- **Weather Resistant** - Unlike steel, PET won't rust. It is virtually unaffected by weather conditions and is naturally UV resistant.
- **Recyclable** - Easy to recycle, PAC polyester can be cut into small pieces and accumulated for recycling.
- **Cost Savings** - Typical steel applications that can be converted to PAC High Performance Polyester can yield savings of 25-50% over steel costs. Additional savings are frequently realized in labor and other costs associated with using steel strap. Paybacks on equipment and tooling can be quick and the resulting return on investment considerable.

Retained Tension After 5 Days at 70 Degrees Fahrenheit



Shock Reserve Graph Steel vs. Polyester Strapping



Strapping Comparison Chart

	POLYPROPYLENE	PAC HIGH PERFORMANCE POLYESTER	STEEL
BREAK STRENGTH	Moderate	High	Highest
WORKING RANGE	Lowest	High	Highest
RETAINED TENSION	Fair	Good	Highest
ELONGATION RECOVERY	High	Good	Negligible
HEAT RESISTANCE	Fair	Good	Excellent
HUMIDITY RESISTANCE	High	High	High*
EASE OF DISPOSAL	Excellent	Excellent	Fair

*Except for rusting

Application Methods

PAC High Performance Polyester can be applied several different ways using a variety of tools and systems, all available from PAC Strapping Products, Inc.

Powered Tools — Battery

VT TOOLS ORT-400 P300 SERIES TOOLS

TOOL #	POWER	STRAP SIZE	MAXIMUM TENSION
VT550L	Battery	1/2" to .030"	550 lbs.
VT700L	Battery	1/2"-5/8" to .035"	700 lbs.
ORT-400	Battery	to 3/4" x .050"	900 lbs.
P328	Battery	to 5/8" x .040"	540 lbs.
P329	Battery	5/8"-3/4" to .050"	800 lbs.
P331	Battery	3/4"-1" to .060"	1350 lbs.

Power Tool — Battery and Pneumatic
Power tools are a cost effective method of application for both higher volume and higher tension requirements. They carry several distinct advantages, including high seal joint efficiencies, consistent tensions, and the cost savings associated with a friction weld vs. a mechanical seal.

Powered Tools — Pneumatic

APT3500 APT SERIES

TOOL #	POWER	STRAP SIZE	MAXIMUM TENSION
APT3500	Pneumatic	to 5/8" x .040"	780 lbs.
APT401	Pneumatic	3/8"-5/8" TO .035"	450 lbs.
APT801	Pneumatic	5/8"-3/4" to .040"	850 lbs.
APT1201	Pneumatic	5/8"-3/4" to .055"	1250 lbs.
APT1401	Pneumatic	1"-1 1/4" x .040"-.050"	1300 lbs.

Manual Tools

For lower volume applications, a manual tensioner and sealer using a special serrated seal to maximize joint efficiency are a cost effective solution.

PST-HD HD34 SPE SERIES SJ SERIES PAC400HD-PAC500HD

TOOL #	STRAP SIZE
PST-PET	to 5/8" X .040"
PST-HD	to 5/8" X .040"
HD34	to 3/4" x .050"
TX-114	to 1" x .050"

TOOL #	STRAP SIZE
ES48SJ	1/2" to .030"
ES58SJ	5/8" to .030"
ES58SJ-HD	5/8" .030"-.040"
SPE48	Symmetrical to 1/2" x .030"
SPE58	Symmetrical to 5/8" x .040"
SPE68	Symmetrical to 3/4" x .050"
SPE68 HD	Symmetrical to 3/4" x .040-20" Handles
SPE65 HD-SA	Symmetrical to 3/4" x .050"-25" Handles

TOOL #	STRAP SIZE
PAC400HD	1/2" to .030"
PAC500HD	5/8" to .035"

Seals		
TOOL #	STRAP SIZE	SEAL TYPE
HSS-4	1/2"	Serrated
HSS-5	5/8"	Serrated
HSS-6	3/4"	Serrated

Automatic Strapping Machines and Systems

For high volume applications, PAC can provide a range of solutions from stand alone strappers to complete systems for pallet conveying, wrapping, and strapping. Our systems specialists can handle every aspect of your system application: design, build, installation, and maintenance.

APPLICATION TIPS POLYESTER STRAPPING

For maximum performance, polyester strap should be tensioned to the working range (50 - 70% of break strength). Be careful not to over-specify polyester strap. Higher residual tension is often possible by applying PET at a higher tension, not a heavier strap.



ITEM NO.	DESCRIPTION	COLOR	AVERAGE FOOTAGE	NOMINAL BREAK STRENGTH	CORE SIZE	SHIPPING WT. PER COIL	SHIPPING WT. PER 28 BOXES
GENERAL PURPOSE MACHINE GRADE STRAPPING - 16X6 CORE, 28 COILS PER PALLET							
3820506B96	3/8"x.020" Dry	Black	9600	500	16x6	45	1306
3820506T96	3/8"x.020" Dry	T. Green	9600	500	16x6	45	1306
4820606B72	1/2"x.020" Dry	Black	7200	600	16x6	44	1278
4820606T72	1/2"x.020" Dry	T. Green	7200	600	16x6	44	1278
4820606T90	1/2"x.020" Dry	T. Green	9000	600	16x6	42	1222
4825776B58	1/2"x.025" Dry	Black	5800	775	16x6	44	1278
4825576T58	1/2"x.025" Dry	T. Green	5800	775	16x6	44	1278
4828826B65	1/2"x.028" Dry	Black	6500	820	16x6	55	1586
4828826T65	1/2"x.028" Dry	T. Green	6500	820	16x6	55	1586
5820756B57	5/8"x.020" Dry	Black	5700	750	16x6	45	1306
5820756T57	5/8"x.020" Dry	T. Green	5700	750	16x6	45	1306
5825906B44	5/8"x.025" Dry	Black	4400	900	16x6	43	1250
5825906T44	5/8"x.025" Dry	T. Green	4400	900	16x6	43	1250
5830116B36	5/8"x.030" Dry	Black	3600	1100	16x6	41	1194
5830116T36	5/8"x.030" Dry	T. Green	3600	1100	16x6	41	1194
5835146B40B	5/8"x.035" Dry	Black	4000	1400	16x6	53	1530
5835146T40	5/8"x.035" Dry	T. Green	4000	1400	16x6	53	1530
5835146T40-AAR	5/8"x.035" Dry	T. Green	4000	1400	16x6	53	1530
GENERAL PURPOSE MACHINE GRADE STRAPPING - 16X6 CORE, 28 COILS PER PALLET							
5835146B42	5/8"x.035" Dry	Black	4200	1400	16x6	55	1586
5835146T42	5/8"x.035" Dry	T. Green	4200	1400	16x6	55	1586
5840166B40	5/8"x.040" Dry	Black	4000	1600	16x6	60	1730
5840166T40	5/8"x.040" Dry	T. Green	4000	1600	16x6	60	1730
5840166T40-AAR	5/8"x.040" Dry Heat Seal AAR	T. Green	4000	1600	16x6	55	1730
HAND GRADE STRAPPING - 16X3 CORE, 56 COILS PER PALLET							
4820603B36	1/2"x.020" Dry	Black	3600	600	16x3	24	1390
4820603T36	1/2"x.020" Dry	T. Green	3600	600	16x3	24	1390
4825573B29	1/2"x.025" Dry	Black	2900	775	16x3	25	1446
4825773T29	1/2"x.025" Dry	T. Green	2900	775	16x3	25	1446
4828823B32	1/2"x.028" Dry	Black	3250	820	16x3	27	1525
4828823T32	1/2"x.028" Dry	T. Green	3250	820	16x3	27	1525
5820753B28	5/8"x.020" Dry	Black	2850	750	16x3	24	1390
5820753T28	5/8"x.020" Dry	T. Green	2850	750	16x3	25	1446
5825903B22	5/8"x.025" Dry	Black	2200	900	16x3	23	1334
5825903T22	5/8"x.025" Dry	T. Green	2200	900	16x3	23	1334
5830113B18	5/8"x.030" Dry	Black	1800	1100	16x3	22	1278
5830113T18	5/8"x.030" Dry	T. Green	1800	1100	16x3	22	1278

ITEM NO.	DESCRIPTION	COLOR	AVERAGE FOOTAGE	NOMINAL BREAK STRENGTH	CORE SIZE	SHIPPING WT. PER COIL	SHIPPING WT. PER 28 BOXES
EMBOSSED POLYESTER - 16X6 CORE, 28 COILS PER PALLET							
3820426T12EB	3/8"x.020" Emb	T. Green	12500	425	16x6	53	1530
4820506T105EB	1/2"x.020" Emb	T. Green	10500	500	16x6	50	1446
4822506T10E	1/2"x.022" Emb	T. Green	10000	500	16x6	49	1418
4823606T72E	1/2"x.023" Emb	T. Green	7200	600	16x6	43	1250
4823606T90E	1/2"x.023" Emb	T. Green	9000	600	16x6	54	1558
4825656T72E	1/2"x.025" Emb	T. Green	7200	650	16x6	48	1390
4825776T72E	1/2"x.025" Emb	T. Green	7200	775	16x6	51	1474
4828826T65EB	1/2"x.028" Emb	T. Green	6500	820	16x6	54	1558
4830706T77E	1/2"x.030" Emb	T. Green	6560	700	16x6	48	1390
5830116B46E	5/8"x.030" Emb	T. Green	4600	1100	16x6	51	1474
5831116T49E	5/8"x.031" Emb	T. Green	4920	1100	16x6	51	1474
5835136T40E	5/8"x.035" Emb	T. Green	4000	1300	16x6	51	1474
5835136T42E	5/8"x.035" Emb	T. Green	4200	1300	16x6	54	1558
5839146T40E	5/8"x.039" Emb	T. Green	4000	1400	16x6	51	1474
5840156T40E	5/8"x.040" Emb	T. Green	4000	1500	16x6	53	1530
6840186T30E	3/4"x.040" Emb	T. Green	3000	1800	16x6	51	1474
EMBOSSED POLYESTER - 16X6 CORE, 28 COILS PER PALLET							
5830106G46E	5/8"x.030" Emb	Green	4600	1000	16x6	51	1474
5835136G42E	5/8"x.035" Emb	Green	4200	1300	16x6	53	1530
5835136G42EW	5/8"x.035" Emb/Wax	Green	4200	1300	16x6	53	1530
5840156G40E	5/8"x.040" Emb	Green	4000	1500	16x6	60	1726
5840156G40EW	5/8"x.040" Emb/Wax	Green	4000	1500	16x6	60	1726
6840196G30EW	3/4"x.040" Emb/Wax	Green	3000	1900	16x6	55	1586
LUBRICATED POYESTER FOR SIGNODE Z-WELD MACHINES - 16X6 CORE, 28 COILS PER PALLET							
5830116G36L	5/8"x.030" Lubricated	Green	3600	1100	16x6	41	1194
5830116G46LB	5/8"x.030" Lubricated	Green	4600	1100	16x6	51	1474
5835146G40L	5/8"x.035" Lubricated	Green	4000	1400	16x6	53	1530
5835146G42L	5/8"x.035" Lubricated	Green	4200	1400	16x6	55	1586
5835146G40L-AAR	5/8"x.035" Lubricated	Green	4000	1400	16x6	52	1502
5840146G40LB-AAR	5/8"x.040" Lubricated	Green	4000	1400	16x6	53	1530
5840166G40L-AAR	5/8"x.040" Lubricated	Green	4000	1600	16x6	53	1530
6840196G30L	3/4"x.040" Lubricated	Green	3000	1900	16x6	56	1614
6840196G30L-AAR	3/4"x.040" Lubricated	Green	3000	1900	16x6	56	1614
AUTOMATIC STRAPPING COMPRESSION APPLICATION - HEAT SEAL - 6X6 CORE, 28 COILS PER PALLET							
5835146T40	5/8"x.035" Dry	T. Green	4000	1400	16x6	53	1530
5835146T42	5/8"x.035" Dry	T. Green	4200	1400	16x6	55	1586
5835146T40-AAR	5/8"x.035" Dry	T. Green	4000	1400	16x6	53	1530
5840166T40-AAR	5/8"x.035" Dry	T. Green	4000	1600	16x6	55	1586
BRICK APPLICATIONS FOR FRICTION SEAL - 16X6 CORE, 28 COILS PER PALLET							
5840146G40LB-AAR	5/8"x.040" Lubricated	Green	4000	1400	16x6	56	1614
BRICK APPLICATIONS FOR HEAT SEAL - 16X6 CORE, 28 COILS PER PALLET							
5840146T40B	5/8"x.040" Dry	T. Green	4000	1400	16x6	56	1614

ITEM NO.	DESCRIPTION	COLOR	AVERAGE FOOTAGE	NOMINAL BREAK STRENGTH	CORE SIZE	SHIPPING WT. PER COIL	SHIPPING WT. PER 28 BOXES
WAXED FOR MOST FRICTION WELD APPLICATIONS - 16X6 CORE, 28 COILS PER PALLET							
5830116G36W	5/8"x.030"	Waxed Green	3600	1100	16x6	41	1194
5830116G46W	5/8"x.030"	Waxed Green	4600	1100	16x6	52	1502
5835146G40W	5/8"x.035"	Waxed Green	4000	1400	16x6	53	1530
5835146G40W-AAR	5/8"x.035"	Waxed AAR Green	4000	1400	16x6	53	1530
5840166G40W	5/8"x.040"	Waxed Green	4000	1600	16x6	60	1726
5840166G40W-AAR	5/8"x.040"	Waxed AAR Green	4000	1600	16x6	60	1726
6840196G30W	3/4"x.040"	Waxed Green	3000	1900	16x6	56	1614
6840196G30W-AAR	3/4"x.040"	Waxed AAR Green	3000	1900	16x6	56	1614
6850256G24W	3/4"x.050"	Waxed Green	2400	2500	16x6	55	1586
6850256G24W-AAR	3/4"x.050"	Waxed AAR Green	2400	2500	16x6	55	1586
8840256G22W	1"x.040"	Waxed Green	2200	2500	16x6	55	1586
8850306G18W	1"x.050"	Waxed Green	1800	3000	16x6	55	1586
8850306G18W-AAR	1"x.050"	Waxed AAR Green	1800	3000	16x6	55	1586
WAXED HAND GRADE FOR MANUAL AND POWER TOOLS - 16X6 CORE, 28 COILS PER PALLET							
H5835136G40W	5/8"x.035"	Waxed Green	4000	1300	16x6	53	1530
H5835136B40W	5/8"x.035"	Waxed Black	4000	1300	16x6	54	1558
H5840136G40W	5/8"x.040"	Waxed Green	4000	1500	16x6	60	1726
H5840136B40W	5/8"x.040"	Waxed Black	4000	1500	16x6	60	1726
16X7-1/2 CORE JUMBO CORE - 4 COILS PER PALLET - *SHIPPING WEIGHT PER PALLET OF 4 COILS							
5840168G11W	5/8"x.040"	Waxed Green	11000	1600	16x7.5	156	670
5840168G11W-AAR	5/8"x.040"	Waxed AAR Green	11000	1600	16x7.5	156	670
5840168G11L	5/8"x.040" Lubricated	Green	11000	1600	16x7.5	156	670
5840168G11L-AAR	5/8"x.040" Lubricated	Green	11000	1600	16x7.5	156	670
5840168B11W	5/8"x.030"	Waxed Black	11000	1600	16x7.5	156	670
5840168B11W-AAR	5/8"x.030"	Waxed AAR Black	11000	1600	16x7.5	156	670
6840198G90W	3/4"x.040"	Waxed Green	9000	1900	16x7.5	155	666
6840198G90L	3/4"x.040" Lubricated	Green	9000	1900	16x7.5	155	666
16X12 - SUPER JUMBO CORE - 2 COILS PER PALLET - *SHIPPING WEIGHT PER PALLET OF 4 COILS							
58351412G230W	5/8"x.035"	Waxed Green	23000	1400	16x12	280	600
58351412G230W-AAR	5/8"x.035"	Waxed AAR Green	23000	1400	16x12	280	600
58351612G230W	5/8"x.040"	Waxed Green	20000	1600	16x12	280	600
58351612G230W-AAR	5/8"x.040"	Waxed AAR Green	20000	1600	16x12	280	600
68351912G176W	3/4"x.040"	Waxed Green	17500	1900	16x12	280	600
68351912G176W-AAR	3/4"x.040"	Waxed AAR Green	17500	1900	16x12	280	600
SIGNODE (TENAX) EQUIVALENT - 16X6 CORE, 28 COILS PER PALLET							
1616-PAC	3/8"x.020"	T. Green	12500	400	16x6	55	1570
1616LC-PAC	3/8"x.020"	T. Green	13750	400	16x6	58	1675
1716-PAC	7/16"x.021"	T. Green	10500	500	16x6	54	1558
1716LC-PAC	7/16"x.020"	T. Green	11550	450	16x6	55	1586
1718-PAC	7/16"x.024"	T. Green	9000	600	16x6	54	1558
1718LC-PAC	7/16"x.024"	T. Green	9900	600	16x6	55	1675
4821606T90WB	1/2"x.021"	Waxed (1818) T. Green	9000	600	16x6	55	1586
4828826T65WB	1/2"x.028"	Waxed (1818) T. Green	6500	820	16x6	53	1530

*Strap Designated with an AAR Suffix, is approved by the American Association of Railroads.
**Many sizes are available in bulk pack. (Not boxed, same quantity per pallet). Please check with customer service.

Polyester Cord Strapping and Accessories

Quality Products & Consistent Performance that are a Cost-Effective Solution to your Strapping Requirements



PAC Strapping Products, Inc., known for providing quality strapping products for over 30 years is now manufacturing a broad range of polyester cord strapping products.

PAC's Polyester Cord is available in a range of sizes and types to handle your toughest cord applications. In addition to standard bonded products, PAC can supply you with woven material in both regular duty and heavy duty, along with a broad range of composite polyester cord strapping

In addition to several types and sizes of polyester cord, PAC has a broad range of wire buckles in several different finishes and gauges, along with a broad selection of strapping tools specifically designed for your cord applications.

Arbor-Pro

Designed for various uses in agriculture. Arbor-Pro is light enough to be carried in the field and is UV-resistant.

PAC Polyester Cord vs. Steel Strapping

PAC Cord offers several advantages over steel strapping:

- **Easy to apply** — PAC Cord can be manually applied with a wired buckle and hand tensioner. Complex, high maintenance tools are not required.
- **Easy to re-tension** — PAC Cord stays tight on application. When loads settle, re-tensioning is simple.
- **Safety** — Eliminates cutting injuries, minimizes spring back when cut, and weighs 75% less than steel. Back injuries from handling 100 pound coils are virtually eliminated.
- **Rust free and UV Resistant** — PAC Cord holds up well for outside storage applications.
- **Cost Effective** — Comparable product costs less than steel strapping.
- **The "Composite Solution"** — For pallet threading applications, composite's coating facilitates easy threading.

Polyester Cord Strapping

REGULAR DUTY CORD STRAPPING

	Item No.	Description	Color	Average Length (ft)	Normal Break Strength (lbs.)	Core Size	Coils Per Carton	Shipping Wt. Per Carton (lbs.)	Coils Per Pallet	Shipping Wt. Per Pallet (lbs.)
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POLYESTER CORD STRAPPING, REGULAR DUTY STRANDED

	20 W-E	1/4" Polyester Cord	White	7800	350	4"x6"	4	63	72	1134
	30 W-E	3/8" Polyester Cord	White	5250	525	4"x6"	4	64	72	1152
	40 W-E	1/2" Polyester Cord	White	3900	700	4"x6"	4	64	72	1152
	50 W-E	5/8" Polyester Cord	White	3000	850	4"x6"	4	58	72	1044
	60 W-E	3/4" Polyester Cord	White	2100	1050	4"x6"	4	53	72	954

POLYESTER CORD STRAPPING, REGULAR DUTY WOVEN

	20 CW-E	1/4" Woven Cord	White	7800	350	4"x6"	4	63	72	1134
	30 CW-E	3/8" Woven Cord	White	5250	525	4"x6"	4	64	72	1152
	P-40TCW	1/2" Woven Cord	White	1500	650	4"x6"	4	6	120	720
	40 CW-E	1/2" Woven Cord	White	3900	700	4"x6"	4	64	72	1152
	50 CW-E	5/8" Woven Cord	White	3000	850	4"x6"	4	58	72	1044
	60 CW-E	3/4" Woven Cord	White	2100	1050	4"x6"	4	53	72	954

ARBOR-PRO™ TREE STRAP

	AP40W	1/2" Woven Cord	Blk./Org. Trim	925	700	Coreless (Cntr. Pull)	8	25	216	675
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Polyester Cord Strapping

HEAVY DUTY CORD STRAPPING

	Item No.	Description	Color	Average Length (ft)	Normal Break Strength (lbs.)	Core Size	Coils Per Carton	Shipping Wt. Per Carton (lbs.)	Coils Per Pallet	Shipping Wt. Per Pallet (lbs.)
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POLYESTER CORD STRAPPING, REGULAR DUTY WOVEN


	65W-HD	3/4" HD Woven Polyester Cord	White	1320	1830	4"x6"	1	16	96	1536
	65WX-250	3/4" HD Woven Polyester Cord	White	250	2700	4"x6"	1	4	100	400
	65W-XHD	3/4" HD Woven Polyester Cord	White	1650	2700	4"x6"	2	49	54	1323
	65W-XHD22	3/4" HD Woven Polyester Cord	White	1650	2200	4"x6"	2	50	54	1350
	65W-XHD24	3/4" HD Woven Polyester Cord	White	1650	2400	4"x6"	2	50	54	1350
	125W-HD/Orange	1 1/4" HD Woven Polyester Cord	White	600	3285	RW	4	50	96	1200

POLYESTER CORD STRAPPING, HEAVY DUTY STRANDED

	125W-HD	1 1/4" HD Woven Polyester Cord <small>AAR Approved</small>	White	330	3285	RW	8	63	162	1276
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COMPOSITE CORD STRAPPING


	Item No.	Description	Color	Average Length (ft)	Normal Break Strength (lbs.)	Core Size	Coils Per Carton	Shipping Wt. Per Carton (lbs.)	Coils Per Pallet	Shipping Wt. Per Pallet (lbs.)
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	CC45	1/2" HD Composite Cord Strap		3600	750	8"x8"	2	46	54	1242
	CC55	5/8" HD Composite Cord Strap		2000	1200	8"x8"	2	44	54	1190
	CC65	3/4" HD Composite Cord Strap		1670	1350	8"x8"	2	36	54	972
	CC85	1" HD Composite Cord Strap		1500	1850	8"x8"	2	44	54	1188
	CC85-SC	1" HD Composite Cord Strap		1500	1850	8"x8"	1	22	54	1188
	CC125	1 1/4" HD Composite Cord Strap		770	3550	8"x8"	2	40	54	1080
	CC125-SC	1 1/4" HD Composite Cord Strap		770	3550	8"x8"	1	20	54	1080


Wire Buckles

	Product Code	Size	Wire Diameter (IN)	Packaging Pcs/Case	Shipping Weight Lbs./Case	Cases Per Pallet	Shipping Weight Per Pallet
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REGULAR DUTY


	B-3	3/8"	0.092	1000	10	100	1000
	B-4	1/2"	0.105	1000	14	100	1400
	HDB-4	1/2"	0.120	1000	18	100	1800
	B-4L	1/2"	0.092	1000	11	100	1100
	B-5	5/8"	0.120	1000	20	100	2000
	HDB-5	5/8"	0.135	1000	22	100	2200
	B-6	3/4"	0.120	1000	23	100	2300
	HDB-6	3/4"	0.135	1000	30	100	3000

Wire Buckles

	Product Code	Size	Wire Diameter (IN)	Packaging Pcs/Case	Shipping Weight Lbs./Case	Cases Per Pallet	Shipping Weight Per Pallet
EXTRA HEAVY DUTY PHOSPHATE COATED							
	XHDB-6 PHOS	3/4"	0.160	1000	43	44	1892
	XHDB-125 PHOS	1 1/4"	0.240	250	37	44	1628
	XHDB-150 PHOS	1 1/2"	0.275	150	35	33	1155

Tools & Dispensers for Cord Strapping

	Product Code	Strap Size	Strap Type	Application	Shipping Weight (lbs.)
MANUAL TENSIONERS FOR CORD STRAPPING					
	HBT-CORD	to 1/2"	Polyester Cord	Bar Type	2
	PST-CORD	to 3/4"	Polyester Cord	General Use - All Cord	3
	TX-114	to 1 1/2"	Polyester Cord	Heavy Duty Polyester Cord	7
	PST-RB	to 3/4"	Polyester Cord	Round/Irregular Bundles	3
	PSTRB-HD	to 1 1/2"	Polyester Cord	Round/Irregular Bundles	7

	Product Code	Core Sizes (ID)	Strap Type	Application	Shipping Weight (lbs.)
DISPENSERS FOR CORD STRAPPING					
	DSP Economy Cord	3", 4"	Polyester Cord	LightDuty, Stationery with buckle/tool tray	11
	DSP Cord	3", 4"	Polyester Cord	Regular Duty w/tool tray and 6" plastic wheels	28
	DSP STD	8"	Composite Cord	Regular Duty w/brake, tool tray and 6" wheels	48

	Product Code	Kit Type	Contents	Shipping Weight (lbs.)
CORD STRAPPING KITS				

	Cord Kit	Polyester Cord Kit	250' of 3/4" 65WX-250 HD Phosphate Buckles PST-Cord Tensioner Reusable Tool/Dispenser Box Instructions	14
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All PAC steel strapping conforms to ASTM specification D3953-12. PAC steel strapping is consistent in width, gauge, and finish. Published break strengths are average and meet, or exceed industry standards. PAC stocks both regular duty and high tensile at several locations. In addition to the stock sizes listed, we can also supply specialty products on request.

Regular Duty Steel Strapping

Regular duty steel strapping is manufactured from cold rolled steel. All PAC regular duty steel can be used in manual and pneumatic tools, as well as automatic steel strapping heads.

High Tensile Steel Strapping

High tensile steel strapping is manufactured from cold rolled steel and heat treated to maximize break strength and ductility. High tensile steel provides additional break strength and shock resistance for your toughest applications.

Stock Steel Strapping

PRODUCT	COIL WIDTH (inches)	THICKNESS (inches)	AVERAGE BREAK (lbs)	YIELD (ft./lb.)	AVERAGE COIL WEIGHT (lbs.)	COILS PER PALLET
OSCILLATED WOUND, REGULAR DUTY STEEL						
3/8x.015	3/8	.015	665	52.29	80	12
1/2x.015	1/2	.015	890	39.22	100	12
1/2x.020	1/2	.020	1180	29.42	100	12
1/2x.023	1/2	.023	1350	25.58	100	12
5/8x.020	5/8	.020	1470	23.53	100	12
5/8x.023	5/8	.023	1690	20.46	100	12
3/4x.020	3/4	.020	1765	19.61	100	12
3/4x.023	3/4	.023	2025	17.05	100	12
OSCILLATED WOUND, HIGH TENSILE STEEL						
1/2x.020HT	1/2	.020	1485	29.42	100	12
5/8x.020HT	5/8	.020	1855	23.53	100	12
5/8x.023HT	5/8	.023	2130	20.46	100	12
3/4x.025HT	3/4	.025	2770	15.69	100	12
3/4x.029HT	3/4	.029	3205	13.30	100	12
RIBBON WOUND, HIGH TENSILE STEEL						
11/4x.029HT	11/4	.029	5530	8.11	100	20

*Standard finish on PAC steel strapping is black, painted and waxed. Alternative finishes are available on request.

**Steel strapping is sold by the hundred weight in the full pallet quantities only.

Portable Coils

Steel portable coils are used in a variety of applications where a full coil of steel is not needed or is not practical. All portable coils are ribbon wound in a self-dispensing carton.

PRODUCT	COIL LENGTH (inches)	STRAP WIDTH (inches)	STRAP THICKNESS (lbs.)	AVERAGE BREAK (ft./lb.)	WEIGHT (lbs.)
REGULAR DUTY PORTABLE COILS					
3/8x.015-300	300	3/8	.015	665	6
1/2x.015-300	300	1/2	.015	890	8
1/2x.020 CP-PAC	200	1/2	.020	1180	8
1/2x.020-300	300	1/2	.020	1180	10
1/2x.023-300	300	1/2	.023	1350	11
5/8x.015-300	300	5/8	.015	1125	10
5/8x.020 CP-PAC	200	5/8	.020	1470	9
5/8x.020-300	300	5/8	.020	1470	13
5/8x.023-300	300	5/8	.023	1690	14
3/4x.015-300	300	3/4	.015	1350	12
3/4x.020 CP-PAC	200	3/4	.020	1765	11
3/4x.020-300	300	3/4	.020	1765	15
3/4x.023-300	300	3/4	.023	2025	18
HIGH TENSILE PORTABLE COILS					
1/2x.020HT-300	300	1/2	.020	1485	10
5/8x.020HT-300	300	5/8	.020	1855	13
5/8x.023HT-300	300	5/8	.023	2130	14
3/4x.025HT-280	280	3/4	.025	2770	19
3/4x.029HT-200	200	3/4	.029	3205	22

Strapping Machines



Semi Automatic Strappers



Stainless Steel Strappers



Bottom Seal Strappers, Standard and Fully Automatic



Pallet Strappers



Side Seal Strappers Standard and Fully Automatic

PSM1412-IC3A

A low cost solution to your strapping needs.

The PSM1412-IC3A is designed for general purpose semi automatic strapping. Although it is our lowest priced strapping machine, the low cost does not come at the expense of quality, consistency or reliability. Each PSM1412-IC3A comes with the exclusive PAC machine warranty, including on-line support for the life of the machine. We carry an extensive parts inventory and maintain over 99% parts availability within 24 hours. The PSM1412-IC3A has a convenient operators panel and externally controlled tension. In addition, all electronics are controlled with an integrated circuit control board to minimize down time and maintenance. Pricing on this unit is designed to expand the market to even the occasional user.



i TECHNICAL SPECIFICATIONS

Dimensions:	35"L x 23"D x 30"H
Package Size:	Minimum - 3"W x 1"H Maximum - Unlimited
Weight:	190lbs.
Tension Range:	10 - 100 lbs.
Speed:	2.5 seconds per cycle
Strap Size:	1/4" - 5/8"
Core Size:	8x8 (additional 9x8 core is available)
Power Requirements:	110V, 50/60 Hz

Impact™ Strapper

Uniquely designed to out perform traditional semi automatic strappers...

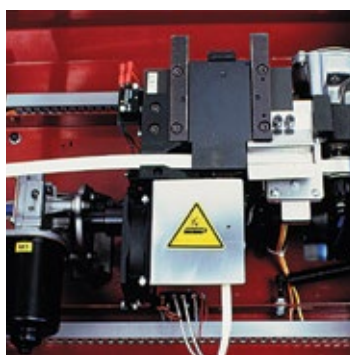
The impact semi automatic strapper utilizes state-of-the-art technology to give you a machine that is durable, reliable and affordable. The simplistic design of the Impact eliminates chains, belts and pulleys, dramatically reducing repair expenses and costly down time.

Standard features of the Impact Strapper Include:

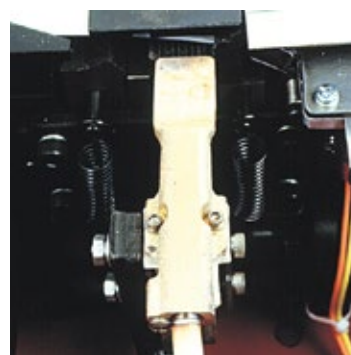
- **Sensor Controlled Heating System**
Consistent, high-efficiency seals.
- **Electronic Tension Control**
Consistent, exact tension, with a range of 17 to 100lbs.
- **Adjustable Welding Time**
Efficient seals, even under extremely high tension.
- **Direct Drive**
All drive belts, chains and pulleys are eliminated, reducing repair and maintenance costs.
- **24 Volt Power**
Unparalleled safety.
- **Unique Frame**
A full size, durable frame, which adjusts to your working height.

The Impact is also available with the following optional features:

- A digital readout for tension and feed setting
- A small package option
- A low tension option



SIMPLIFIED STRAPPING HEAD



UNIQUE HEATING SYSTEM



COMPACT CONTROL PANEL



ADJUSTABLE LEGS

TECHNICAL SPECIFICATIONS

- Dimensions:** 33.4"L x 22"D x 30.7"H to 37.4"H (adjustable)
- Package Size:** Minimum - 3¼"W x 1¼"H
1¾"x1" (with small package option)
Maximum - Unlimited
- Weight:** 155 lbs.
- Tension Range:** 17 - 100 lbs.
12 - 100 lbs. (with low tension option)
- Speed:** 2.5 seconds per cycle
- Strap Size:** 1/4", 5mm - 1/2", 13mm
- Core Size:** 8x8, 9x8
- Power Requirements:** 110V, 50/60 Hz

PSM1412-SS3

An outstanding semi-automatic alternative for harsh environments

PAC Strapping Products features an excellent stainless steel strapper for harsh environments. This unit features a side mounted strapping head to allow moisture to drain through the table instead of through the strapping head. An adjustable strapping table is standard and allows the operator to strap a wide range of packages. This machine utilizes the proven strapping head perfected in our best selling PSM1412-IC3A.

Standard features of the PSM1412-SS3 include:

PSM1412-SS3

- 302 stainless steel body
- Stainless steel head parts
- IP Standard 20
- Non wash down unit

The machine is constructed from 302 stainless steel and a number of rust resistance features are added to address harsh environments.



OPERATOR FRIENDLY CONTROL PANEL

i TECHNICAL SPECIFICATIONS

Dimensions:	26.5"W x 41"D x 64"H
Table Height:	15 to 27" (adjustable)
Package Size:	Minimum 3.25"W x 1.25"H
Max. Package Weight:	130 lbs.
Machine Weight:	250 lbs.
Tension:	10 - 100 lbs.
Cycle Speed:	2.5 seconds per cycle
Strap Size:	1/4" - 5/8" (5mm to 15mm)
Core Size:	8x8, 9x8
Power Requirements:	110V, Single phase 50/60 Hz

SM65

Unparalleled performance, innovative features, and a great price.

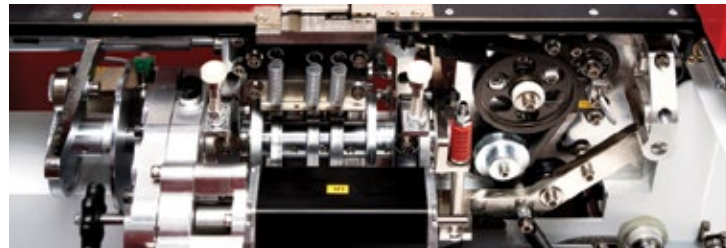
The SM65 is, quite simply, the best value available in today's marketplace for strapping machines. At 65 straps per minute, it is lightning fast. Available in several different arch and strap sizes, the SM65 is an excellent strapper for a broad range of applications. The state of the art strapping head has 30% fewer parts than comparable strapping machines, and utilizes brushless DC motors. The result is a high speed strapping machine that consumes less power, requires fewer adjustments, and minimal maintenance. The extensive list of standard features on the SM65 is listed below. Plus, it's backed by the best warranty in the industry, 99% parts availability within 24 hours, and unlimited, free telephone support for the life of the machine. If you are looking for a fast, reliable strapper that is operator and maintenance friendly, you can't get a better value than the SM65.

Standard Features of the SM65 include:

- **Patented Easy Strap Access**
Access to the strapping channel requires no tools.
- **Quick Coil Change**
Strap is changed at waist height and automatically fed, no more crawling on the floor
- **One Piece Strap Track**
Track design eliminates dusting and guarantees parallel straps
- **Sensor Controlled Heater**
Heat seals are consistent and highly reliable
- **Jam Free Technology**
Missed straps are ejected and the SM65 returns to the ready position
- **Foot Bar Switch**
Provides "hands free" operation
- **Adjustable Table Height**
The table height is adjustable to any height between 32.3" and 36.2" (820mm-920mm)
- **Photocell Activation**
Several options can be programmed when this feature is activated
- **Pivoting Control Panel**
Allows the operator to access the control panel from either side of the machine

Options Available on the SM65:

- Foot pedal switch
- Available in a Stainless Steel Frame



COMPACT STRAP HEAD WITH BRUSHLESS DC MOTORS



JAM FREE TECHNOLOGY

TECHNICAL SPECIFICATIONS

All dimensions refer to an arch size of 25.6" (650mm) wide x 19.7" (500mm) high.

- Dimensions:** 48"W x 25.6"D x 55.3" - 59.25"H
1220mmW x 650mmD x 1405-1505mmH
- Weight:** 352 lbs.
160kg.
- Table Height:** 32.3" - 36.2" (adjustable)
820mm - 920mm
- Tension Range:** 5-6mm
2-77 lbs.
1-35Kg
9-12mm
2-100 lbs.
1-45Kg
- Speed:** Up to 65 Straps per minute
- Package Size:** Minimum: 2.75"W x .75"H
70mm x 20mm
Maximum: Dependent upon arch size
- Strap Size:** 352lbs.
160kg.
- Core Size:** 8" x 8"
200mm x 200mm
- Power Requirements:** 110V, Single phase 50/60 Hz,
5 Amps, 230V available as an option

Arch Sizes - SM65, 1/4", 3/8" (5,6, and 9mm)

Width: In/mm	21.6/550	25.6/650	33.4/850	41.3/1050	49.2/1250	64.9/1650
Height: In/mm						
15.7/400			X			
19.7/500	S		X		X	X
23.6/600		X	X			
31.5/800			X	X	X	
39.4/1000				X	X	

S indicates standard size

Arch Sizes - SM65 1/2" (12mm)

Width: In/mm	21.6/550	25.6/650	33.4/850	41.3/1050	49.2/1250	64.9/1650
Height: In/mm						
15.7/400			X			
19.7/500		S				X
23.6/600			X	X	X	
31.5/800			X	X	X	
39.4/1000			X	X	X	

S indicates standard size



FOOT BAR ACTIVATION



PIVOTING CONTROL PANEL

Auto PAC 300

A broad range of features in a reliable strapper, priced less than competing brands...

The Auto PAC 300 is a proven, reliable strapper. It is ideal for moderate to high volume applications where 9mm (3/8") or 12mm (1/2") strap is the preferred material. The Auto PAC 300 is fast, consistent, and reliable. In addition, it has all the "user friendly" features, usually found on machines costing thousands of dollars more. The Auto PAC 300 is completely supported with one of the best warranties in the industry, over 99% parts availability within 24 hours, and unlimited, free telephone support for the life of the machine.

Standard features on the Auto PAC 300 include:

- **Lubricated Free Strapping Head**
The strapping head never needs lubrication.
- **Auto Feeding**
Loading strap is automatic, activated by pressing the feed switch.
- **Jam Free Automatic Re-Feeding**
In the event of any feeding problems, the strap is automatically re-fed into the strapping head, and the machine returns to the ready position.
- **Loop Ejection**
Missed straps are automatically ejected from the machine, and the Auto PAC 300 re-sets itself.
- **End of Strap Sensor**
If the coil does not have enough strap to complete the cycle, the Auto PAC 300 ejects the short piece, and the machine is immediately ready for a new coil
- **Three Activation Methods**
The Auto Pac 300 can be activated manually, with a foot pedal, or with a standard photocell.
- **Electronic Tension**
Tension is controlled electronically, yielding consistent tension.
- **Improved Speed**
Up to 30 cycles per minute.
- **CE Certified**



Width >	25.6"	33.4"	41.3"	49.2"	57.0"	64.9"	72.8"
Height	650mm	850mm	1050mm	1250mm	1450mm	1600mm	1850mm
15.7" 400mm							
23.6" 600mm	Standard	Standard					
31.5" 800mm							
39.4" 1000mm							
47.2" 1200mm							

AVAILABLE ARCH SIZES (INCHES/MM) AUTO PAC 300 STANDARD UNITS

- AVAILABLE IN 1/2" AND 3/8" STRAP
- AVAILABLE IN 1/2" HEAVY DUTY STRAP (500LBS. OR GREATER)
- NOT AVAILABLE
REQUIRES A STRAP OF .028" THICK OR GREATER.

i TECHNICAL SPECIFICATIONS

*All dimensions refer to an arch size of 33.4"(850mm)W x 23.6"(600mm)H

- Dimensions:** 56.3"L x 24.4"D x 60.6"H
- Table Height:** 31.9"
- Package Size:** Minimum - 5"W x 1¼"H
Maximum - Depends on arch size (see chart for available sizes)
- Weight:** 485lbs.
- Tension Range:** 15 - 150 lbs.
- Speed:** 2.5 seconds per cycle
- Strap Size:** 3/8", 9mm - 1/2", 12mm
- Core Size:** 8x8, 9x8
- Power Requirements:** 110V, Single phase 50/60 Hz

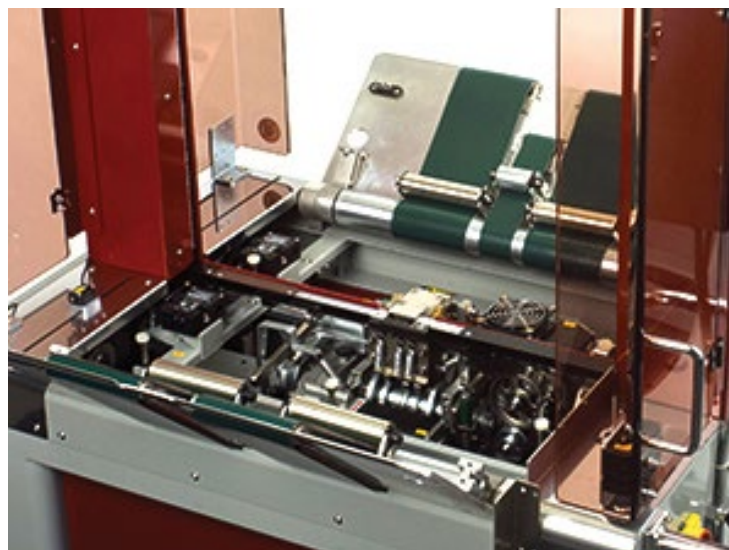
SM65-FA

Unparalleled reliability in a fully automatic strapper

The SM65-FA is a world class fully automatic strapper that will automate your strapping operations at a very affordable price. At a cycle speed of 65 straps per minute it is one of the fastest strappers available in the market. Designed with ease of operation and simplicity in mind, the SM65-FA head has no belts or pulleys, and uses the latest in brushless DC motors for an extremely high level of accuracy and reliability. All motors are German made. Backed by the best warranty in the industry, PAC maintains a network of factory trained technicians along with 99% parts availability within 24 hours. If you are looking for a fast, reliable, automatic strapper, you won't find a better value than the SM65-FA.

Standard features on the SM65-FA include:

- **Simplified Strapping Head**
Utilizing the latest technology, the strapping head has 30% fewer parts than comparable strappers. The result is fewer adjustments, and minimal maintenance costs.
- **Waist High Auto Feeding**
This ergonomic feature allows the operator to feed the strap automatically from the top of the coil. Coil changes are quick and easy.
- **Free Access to Strap Guides**
For ease of maintenance, this patented feature allows access to the strap guides with no need for tools.
- **Simplified Control Panel**
The operator control panel, with LCD display, controls all major functions.
- **Hinged Top Plates**
For ease of maintenance top plates are hinged allowing easy access to major mechanical components.
- **Multiple Strap Patterns**
Various strap patterns can be selected from the control panel, including continuous strapping to transit mode.
- **Built in Interlock Plug**
For communication with existing upstream and downstream conveying systems.
- **Adjustable Conveyor Speed**
Speed range is 10 meters (32.8ft.)/minute to 60 meters (196.8ft.)/minute
- **Automatic End of Coil Detection and Ejection**
- **Adjustable Table Height**



SIMPLIFIED STRAPPING HEAD WITH HINGED TOP PLATES

TECHNICAL SPECIFICATIONS

All dimensions refer to an arch size of 25.6" (650mm) wide x 19.7" (500mm) high.

- Dimensions:** 54.6"W x 25.4"D x 54.5"H (without compression)
1400mm x 650mm x 1397mm
54.6"W x 25.4"D x 76"H (with compression)
1400mm x 650mm x 1950mm
- Weight:** 496 lbs. (without compression) (Painted Machines) 225kg.
575 lbs. (with compression) 260 kg.
- Table Height:** Adjustable - 31.5in. to 35.4in.
800mm - 900mm
Lower adjustable heights available as an option
- Conveyor Speed:** Adjustable
32.8ft. to 196.8ft./minute
10 meters - 60 meters/minute
- Tension Range:** 2-70 lbs. - 1/4" (5 & 6mm) machines
1-32 kg.
1-120 lbs. - 3/8" & 1/2" (9 & 12mm) machines
1-55 kg.
- Package Size:** Minimum: 4.75"W x 5.2"L x 4"H
120mm x 130mm x 10mm
Maximum: Depends on arch size (see chart for available sizes)
- Strap Size:** 1/4", 3/8", 1/2"
5, 6, 8, 9, and 12mm
- Package Weight:** 77 lbs. maximum (35kg.)
- Core Size:** 8" x 8" (200mm x 200mm)
- Power Requirements:** 110V, Single phase 50/60 Hz, 7 amps
other power options available as an option
- Air Requirements:** 87 PSI (for compression only)

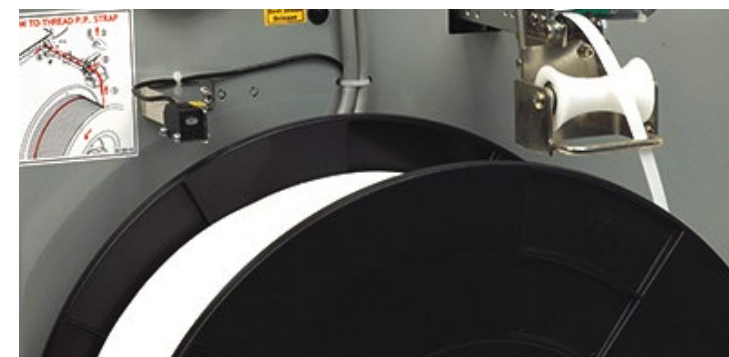
Width >	21.6"	25.5"	33.5"	41.5"
Height	550mm	650mm	850mm	1050mm
19.7" 500mm	✓	✓		
23.6" 600mm			✓	
31.5" 800mm			✓	✓



CONTROL PANEL



SLEEP MODE SENSOR



WAIST HIGH, AUTO FEEDING SYSTEM

Options Available on the SM65-FA include:

- Stainless Steel Frame
- Corrosion Resistant Strapping Head
- Siemens PLC Controller
- Foot Pedal Switch
- Safety Guards
- Energy Saving Transit/Auto Sleep Mode
- Center Bundle Strapping
- Lower Adjustable Table Height (30"-36", 750mm-900mm)
- 8" (200mm) Conveyor Extensions
- Random Package Option
- Internal Heater
- Light Tree with Low Strap Sensor
- Pneumatic Compression Press

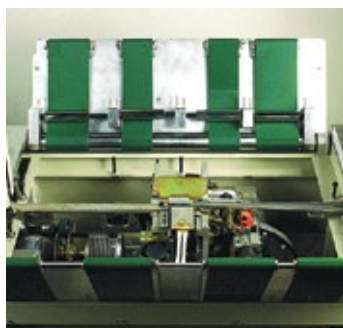
Auto PAC 300-FA

Reliable automation at an affordable price

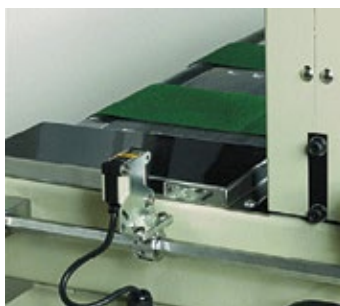
The Auto PAC 300-FA (Fully Automatic) strapper is a reliable, fully automatic strapping machine designed to automate your strapping operation at an affordable price. Using cost effective 3/8" (9mm) or 1/2" (12mm) strap, this unit combines the proven technology of the Auto PAC 300 head with fully automatic features to give you a strapper that's dependable for even the toughest applications. The Auto PAC 300-FA is loaded with an impressive list of features, and it's backed by one of the best warranties in the industry... 99% parts availability within 24 hours and unlimited, free telephone support for the life of the machine. If you are looking for a fully automatic strapper for 3/8" or 1/2" strap, you can't get a better value than the Auto PAC 300-FA.

Standard features on the Auto PAC 300-FA include:

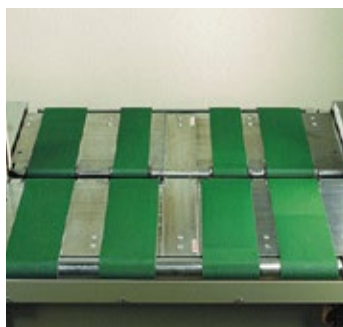
- **Adjustable Photocell Activation**
Photocells automatically place straps at precise locations on your package.
- **Simplified Control Panel**
Strap selection (0, 1, 2, or 3), tension, conveyor speed and compression are all controlled from a conveniently located control panel. Place 0, 1, 2, or 3 straps by a selector switch on the control panel.
- **Variable Conveyor Speed**
Conveyor speed is easily adjusted from the control panel.
- **Auto Feeding**
Loading strap is automatic, activated by pressing the start button.
- **Jam Free Automatic Re-feeding**
In the event of any feeding problems, the strap is automatically re-fed into the strapping head, and the Auto PAC 300-FA returns to the ready position.



EASY ACCESS CONTROL UNIT



ADJUSTABLE PHOTO EYES FOR PRECISE STRAP PLACEMENT



VARIABLE SPEED CONVEYOR TABLE



SIMPLIFIED CONTROL PANEL

TECHNICAL SPECIFICATIONS

*All dimensions refer to a machine arch size of 33.4"(850mm)W x 23.6"(600mm)H

- Dimensions:** 62.2"Wx27.8"D x 60.6"H w./out compression
62.2"Wx27.8"D x 90.5"H with compression
- Weight:** 857 lbs. without compression
886 lbs. with compression
- Conveyor Speed:** 59-137 ft. per minute
- Tension Range:** 15 - 154 lbs.
- Speed:** 20 straps per minute auto mode
29 straps per minute hand mode
17-18 bundles per minute
- Package Size:** Minimum - 9.8"W x 9.8"L x 1"H
15.7"W x 15.7"L x 15.7"H auto mode
Maximum - Depends on arch size (see chart for available sizes)
- Package Weight:** Maximum - 77lbs. belt
176 lbs. roller
- Strap Size:** 3/8" (9mm) - 1/2" (12mm)
- Core Size:** 8x8, 9x8
- Power Requirements:** 220V, 3-phase 50/60Hz, 7 amps
380/400/415V available as an option
- Air Requirements:** 87 PSI (for compression option only)

Width >	33.5"	41.3"	49.2"
Height	850mm	1050mm	1250mm
15.7" 400mm	✓	✓	✓
23.6" 600mm	Standard	✓	✓
31.5" 800mm	✓	✓	✓
39.4" 1000mm	✓	✓	✓

SM60 Side Seal Strapper

Utilizing the proven reliability of the SM65 strapping head, the SM60 incorporates the features of the SM65 in a side seal machine. Designed for tough applications, the side mounted strapping head keeps moisture and debris away from the strapping head. The SM60 is the fastest side seal on the market at 60 straps per minute. The strapping head, proven in the SM65, utilizes brushless DC motors, has 30% fewer parts than comparable strappers, and consumes less power. It requires minimal maintenance and is loaded with user friendly, standard features. The SM60 can be used as a stand-alone strapper with a roller table, or in-line with a gap in an existing conveyor system. The SM60 can also be ordered with an integrated conveying system.

Standard Features of the SM60 Side Seal Include:

- **Pivoting internal strap dispenser**
No more step ladders for loading
- **Patented easy strap access**
No tools required to access the strap channel
- **One piece strap track**
Track design reduces dusting and guarantees parallel straps
- **Jam free technology**
Missed straps are ejected and the SM60 returns to the ready position
- **Sensor controlled heater**
Heat seals are consistent and highly reliable

Options

The SM60 is available with several options. Please refer to the price list or contact Customer Service.

Available Arch Sizes

Width: In/mm	15.7/400mm*	23.6/600mm	31.5/800mm	39.4/1000mm	51.1/1300mm
Height: In/mm					
25.6/650	X	X			X
33.4/850		X	X		X
41.3/1050		X	X	X	X
49.2/1250		X	X	X	X
64.9/1650				X	

- 400mm (15.7") wide machines are not available with integrated conveying systems.
- Highlighted sizes require 3/8" or 1/2" strap.



SM60-SS



PIVOTING DISPENSER

TECHNICAL SPECIFICATIONS

All dimensions refer to an arch size of 23.6" (600mm) wide and 25.6" (650mm) high.

- Dimensions:** 57.3"W x 26.4"D x 47.2-51.2"H
(Height is adjustable)
1455mmW x 670mmD x 1200mm-1300mmH
- Weight:** 670 lbs.
305 kgs.
- Sealing Head Height:** 19.1"
485mm
- Tension Range:** 1/4" (5/6mm) 70 lbs. /32 kgs.
9mm and 12mm (3/8" and 1/2") 100lbs./45Kg.
- Speed:** 60 Straps/minute
- Power Requirements:** 110V, Single phase 50/60 Hz.
Other power options are available.

Auto PAC 300 Side Seal

The Auto PAC 300 Side Seal may be used as a stand alone unit with an optional roller table, or in-line with a split conveyor system. It is extremely effective when the strapping application needs to be close to the floor. In addition, the side mounted strapping head keeps dirt, dust, and moisture from the product away from the strapping head. The Auto PAC 300 Side Seal is also available in a fully automatic version. The fully automatic version is equipped with a power conveying system and is activated by a photocell, or it can be interfaced with an existing conveyor system.

Standard features on the Auto PAC 300 Side Seal include:

- **Lubricated Free Strapping Head**
The strapping head never needs lubrication.
- **Auto Feeding**
Loading strap is automatic, activated by pressing the feed switch.
- **Jam Free Automatic Re-Feeding**
In the event of any feeding problems, the strap is automatically re-fed into the strapping head, and the machine returns to the ready position.
- **Loop Ejection**
Missed straps are automatically ejected from the machine, and the Auto PAC 300 re-sets itself.
- **End of Strap Sensor**
If the coil does not have enough strap to complete the cycle, the Auto PAC 300 ejects the short piece, and the machine is immediately ready for a new coil
- **Three Activation Methods**
The Auto Pac 300 can be activated manually, with a foot pedal, or with a standard photocell.
- **Electronic Tension**
Tension is controlled electronically, yielding consistent tension.
- **Improved Speed**
Up to 30 cycles per minute.
- **CE Certified**



Width >	25.6" 650mm	33.4" 850mm	41.3" 1050mm	49.2" 1250mm	57.0" 1450mm	64.9" 1600mm	72.8" 1850mm
Height							
15.7" 400mm							
23.6" 600mm		Standard					
31.5" 800mm							
39.4" 1000mm							
47.2" 1200mm							

AVAILABLE ARCH SIZES (INCHES/MM) AUTO PAC 300 STANDARD UNITS

- AVAILABLE IN 1/2" AND 3/8" STRAP
- AVAILABLE IN 1/2" HEAVY DUTY STRAP (500LBS. OR GREATER)
- NOT AVAILABLE

TECHNICAL SPECIFICATIONS

*All dimensions refer to a machine arch size of 23.6"(600mm)W x 33.4"(850mm)H

- Dimensions:** 56.3"L x 25.2"D x 68.1"H
- Table Height:** 25.5"
- Package Size:** Minimum - 5"W x 1¼"H
Maximum - Depends on arch size (see chart for available sizes)
- Weight:** 550lbs.
- Tension Range:** 15 - 150 lbs.
- Speed:** 30 cycles per minute
- Strap Size:** 3/8", 9mm - 1/2", 12mm
- Core Size:** 8x8, 9x8
- Power Requirements:** 220V, 3-phase 50/60 Hz

Pallet Strapping Systems

PSS703 Series for Vertical and Horizontal Pallet Strapping



Cost Effective Pallet Strapping Solutions

Utilizing the proven reliability of the 703 Strapping Head, the PSS703 comes in a variety of configurations, and is designed to tackle a broad range of pallet strapping applications.

With its modular arch system and ability to handle a variety of sizes of both Polyester and Polypropylene strapping, the PSS703 is an extremely versatile pallet strapping system. The 703 strapping head is solidly built and durable enough for the toughest applications. A built in automation interface makes the PSS703 easy to integrate into any conveying system. With the ability to pull over 670 pounds of tension the PSS703 is capable of applying both polypropylene and polyester in the recommended working range to keep pallets secure, improve production efficiency and lower total packaging costs.

As with all PAC strapping equipment, PAC provides the best warranty in the industry, a large inventory of spare parts, and factory trained technicians to keep your pallet strapper running for years.

Standard Features of all PSS703 Pallet Strappers Include:

- **Powerful 703 Strapping Head**
Friction welded joints produce 80% seal joint efficiency
- **Siemens PLC Control**
Touch pad accessibility to all functions on board diagnostics Standard Automation Interface
- **Modular Arch System**
Custom arch sizes can be constructed with shorter lead times
- **Several Models Available**
Using the basic platform The PSS703 can strap vertically, horizontally and through pallet voids.

Models Available:

PSS703V	Fixed track, fixed strapping head, side seal for vertical strapping.
PSS703VM	Fixed track, side seal, indexing head for vertical strapping.
PSS703VLM	Fixed track, side seal, indexing head, with lance system for vertical strapping through pallets.
PSS703H	For applying horizontal straps, an indexing head is standard on the PSS703H.

PSS703V

(Vertical Strappers)

TECHNICAL SPECIFICATIONS

Strap Type: Polypropylene and Polyester

Strap Width(s): 3/8", 1/2", 5/8"
9mm, 12mm, 15.5mm

Strap Thickness: **Polypropylene**
3/8" (9mm)-.030-.035" (.75-.9mm)
1/2-5/8" (12-15.5mm)-.028-.035"
(.7-.9mm)

Polyester
3/8" (9mm), 1/2" (12mm),
5/8" (15.5mm)
.020-.031" (.5-.8mm)

Strap Coil Size: 16"ID x 6" FACE (406x150mm)

Weight: 960 lbs.
437 kgs.

Tension Range: 250lbs.-675lbs. (Standard)

Maximum Indexing Head Travel (VM & VLM only): 19.68" (500mm)

Capacity: Up to 70 Pallets per hour, double strapped

Power Requirements: 220V 3Phase, other power options are available



Available Arch Sizes PSS 703V Series

Width: In/mm	39.4/1000	55.1/1400	63/1600	78.7/2000
Height: In/mm				
64.9/1650	X	X	X	X
80.7/2050	X	X	X	X
96.4/2450	X	X	X	X
112.2/2850	X	X	X	X

Available Options PSS703V Series:

- Separate operator control console
- Siemens HDMI touch panel (Standard on the VLM)
- Low tension option (Tension range 45lbs.-275lbs.)
- Floating head
- Perpendicular strap dispenser
- Top Compression (450 lbs.)
- Top Compression (1100 lbs.)
- Elevated bracing system (4.3"-17.7")
- Elevated bracing system (17.75"- 31.5")

PSS703H

(Horizontal Strappers)

TECHNICAL SPECIFICATIONS

Strap Type: Polypropylene and Polyester

Strap Width(s): 3/8", 1/2", 5/8"
9mm, 12mm, 15.5mm

Min. Strapping Height: 4.5" (110mm) above conveyor height
10" (240mm) above floor height

Strap Thickness: **Polypropylene**
3/8" (9mm)-.030-.035" (.75-.9mm)
1/2-5/8" (12-15.5mm)-.028-.035"
(.7-.9mm)

Polyester
3/8" (9mm), 1/2" (12mm),
5/8" (15.5mm)
.020-.031" (.5-.8mm)

Strap Coil Size: 16" ID x 6" FACE (406x150mm)

Weight: 1925 lbs.
875 kgs.

Tension Range: 250lbs.- 675 lbs. (Standard)

Capacity: Up to 60 Pallets per hour, with 3 straps per pallet

Power Requirements: 220V 3Phase, other power options are available



The PSS703H is available in two arch sizes:

- Standard** 64.9" (1650mm) long
55.1" (1400mm) wide
- Small** 57.1" (1450mm) long
55.1" (1400mm) wide

Available Options PSS703H Series:

- Separate operator control console
- Floating head
- Indexing head

PSS 2010

High Performance Pallet Strapping at a Great Price.

The PSS2010 is an excellent choice for large package strapping where it is not necessary to feed strap through a pallet void. Available in several different arch and strap sizes, the PSS2010 is a heavy duty, versatile strapper suitable for a broad range of applications. The proven strapping head produces high tension and consistent, friction welded seal joints for both polyester and polypropylene. The extensive list of standard features on the PSS2010 are listed below. Plus, it's backed by the best warranty in the industry, 99% parts availability within 24 hours, and unlimited, free telephone support for the life of the machine. If you are looking for a reliable pallet strapper that is operator and maintenance friendly, you can't get a better value than the PSS 2010.

Standard features of the PSS 2010 Include:

- **Electronic Tension Control**
Tension is adjusted by simply turning a dial.
- **Siemens PLC Control Unit**
Reliable Siemens PLC reduces adjustments and maintenance
- **Reliable Friction Welding System**
Welds on both PET and PPY are reliable and consistent
- **Auto Strap Ejector and Re-feed**
Missed straps are ejected and the PSS 2010 returns to the ready position
- **Acceptable for both Polypropylene and Polyester**

Options available on the PSS 2010:

- Can be automated with conveyors
- Heavy duty foot pedal
- Available with power or gravity conveyors
- Available with a 8" (200mm) or 9" (280mm) I.D. core, 16" (406mm) standard



PSS2010 WITH A 55X65 ARCH

Available Arch Sizes

Arch Sizes - PSS2010

Width: In/mm 23.6/600 31.5/800 39.4/1000 47.2/1200 55.1/1400

Height: In/mm

33.4/850					
41.3/1050					
49.2/1250					
57.1/1450	S				
65/1650					
72.8/1850					
80.7/2050					
88.6/2250					
96.4/2450					

TECHNICAL SPECIFICATIONS

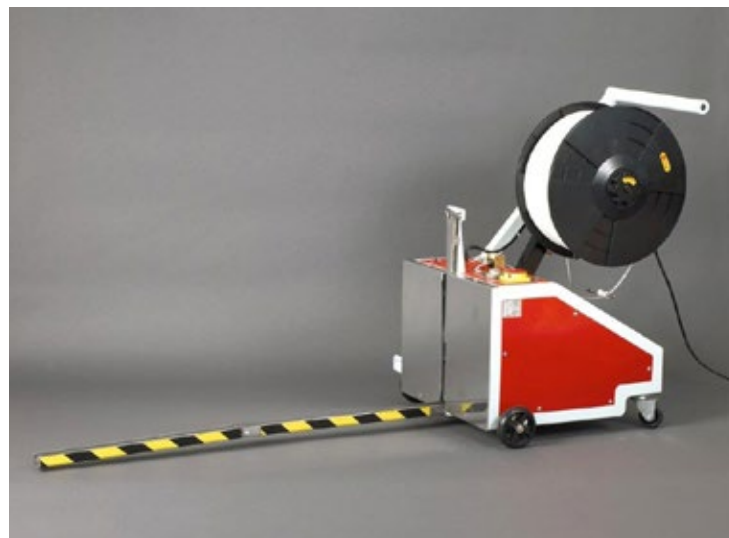
All dimensions refer to an arch size of 55" wide (1400mm) x 65" high (1650mm)

- Dimensions: 185" W x 25." D x 80" – 80" H
4685mm W x 620mm D x 2035mm H
- Weight: 781 lbs.
355 kgs.
- Tension Range: 45 – 330 lbs. maximum tension with polyester strapping.
20-150 kgs.
- Speed: 11 strap per minute/standard arch
- Package Size: Minimum: 8" Wide x .8" High
200mm x 200mm
Maximum Dependent upon arch size
- Strap Size: 3/8", 1/2", 5/8"
9mm, 12mm, 15.5mm
- Core Size: 16" x 6"
406mm x152mm
- Power Requirements: 220V, 3 Phase 50/60 Hz, 6 Amps,
380V, 400V available as an option

PAC Strapping Products brings you two solutions to your light-duty and medium-duty pallet strapping needs. Each unit will deliver consistent tension, superior seal joints, and save labor and seal costs. All of our pallet strapping units come with a robust warranty, complete parts support, and are backed by our own in-house service department.

Pallet PAC MV

This semi-automatic pallet strapper is ideal for light-duty pallets that need to be strapped vertically. It's portable so it goes on the pallet. Pallets are strapped with consistent tension with high-efficiency heat seal joints. The Pallet PAC MV can strap pallets as low as 12" high.



TECHNICAL SPECIFICATIONS

- Dimensions:** 21"L x 27.4"W x 39.4"H without lance
- Lance Length:** 49.2"
- Weight:** 200 lbs.
- Strap Type & Size:** Polypropylene 3/8", 9mm – 5/8", 15.5mm
- Core Size:** 8x8, 9x8
- Tension:** 33 – 100 lbs.
- Power Requirements:** 110V, Single phase 50/60 Hz

Pallet PAC MH

This unit is designed to apply horizontal straps to light-duty pallets. The strapping head moves vertically, allowing precise placement of multiple straps. Originally designed for the fruit and produce industry, the Pallet PAC MH has a wide range of applications. The Pallet PAC MH is also available with a battery pack.



TECHNICAL SPECIFICATIONS

- Dimensions:** 43.3"L x 38"W x 99"H
- Strap Height Range:** 8" minimum x 78.7" maximum
- Weight:** 572lbs.
- Strap Type & Size:** Polypropylene 3/8", 9mm – 5/8", 15.5mm
- Core Size:** 8x8
- Tension:** 33 – 100 lbs.
- Power Requirements:** 110V, Single phase 50/60Hz

PAC Strapping Products has joined with Titan GMB to offer a significant alternative to the "old standard" in automatic pallet strapping systems.

The Range of Titan Strapping Heads offer a "clean sheet" design which brings unparalleled flexibility in arch size, available optional components, electrical requirements, and ease of maintenance.

Titan has been designing and building automated strapping systems for over thirty years. The product offering ranges from steel strapping heads producing welded seals to PET/PPY strapping heads producing both heat and/or friction seals. Our combined capabilities offer previously unmatched flexibility in design and solutions to our customer's packaging requirements.

PAC Strapping Products' partnership with Titan allows us to offer a unique opportunity to our distributors.

Our solutions range from a free standing semi-automatic to a completely automated system including design, fabrication and installation of a new installation or integration into an existing production/packaging line.

We can now offer the best options in the highest quality strap along with the vanguard in packaging equipment providing our distributors and their customers with the most complete

For further information or requests for quotation please contact us at:

1.800.523.7752 or systemsales@strapsolutions.com



Strapping Tools



PAC Brand Tools

Manual Tools for Plastic Strapping

PAC brand tools are tough, durable, and priced very competitively, making them an exceptional value. The PST34 is an industry standard and is the preferred tool for regular duty applications. The PST-HD is a heavy-duty cast tool for both polypropylene and polyester, and the SJ series tools are a cost effective alternative for high strength polyester. The symmetrical series of sealing tools work with serrated seals crimped from either side. Crimping the seal is foolproof as operators no longer have to match the correct side of the sealer with the seal. All PAC brand tools are covered by a 90 day warranty and are backed by a complete parts inventory and our service department.

Manual Tensioners

PRODUCT	STRAP SIZE (inches)	STRAP TYPE	APPLICATION	SHIPPING WGT. (lbs./M)
DLT-PAC	to 3/4	All Plastic	Buckle Tensioner	2
HPT58S	to 5/8	All Plastic	Safety Hand Tensioner/Cutter	1
PST34	to 3/4	All Plastic	General Use	3
PST-HD	to 3/4	All Plastic	Heavy Duty	4
TX-114	to 1 1/2	All Plastic	Extreme Tension	6
PST-PET	to 3/4	Polyester	Regular Duty	3
PST-CORD	to 3/4	Cord	General Use	3
HD34	to 3/4	Polyester	Heavy Duty PET	3
PST-RB	to 3/4	All Plastic	Round Bundles	3
PSTHD-RB	to 1 1/2	Heavy Duty Cord	Heavy Duty Round Bundles	6

Manual Sealers

REGULAR DUTY 13" HANDLES				
ES48	1/2	All Plastic	General Use	3
ES58	5/8	All Plastic	General Use	3
HEAVY DUTY 17" HANDLES				
ES48L	1/2	All Plastic	Heavy Duty	4
ES48SJ*	-	Polyester to .030"	Heavy Duty, for Serrated Seals	4
ES58L	5/8	All Plastic	Heavy Duty	4
ES58SJ*	5/8	Polyester to .030"	Heavy Duty, for Serrated Seals	4
ES58SJL-HD*	5/8	Polyester Strap .030"-.040"	Heavy Duty, for Serrated Seals	4
ES68L	3/4	All Plastic	Heavy Duty	4
SYMMETRICAL SEALERS FOR POLYESTER STRAPPING & SERRATED SEALS 17" HANDLES*				
SPE48	1/2	Polyester	1/2" x up to .030" with Serrated Seals (HSS-4)	4
SPE58	5/8	Polyester	5/8" x up to .040" with Serrated Seals (HSS-5)	4
SPE68	3/4	Polyester	3/4" x up to .050" with Serrated Seals (HSS-6)	4
SPE68-HD	3/4	Polyester	3/4" x up to .050" with Serrated Seals (HSS-6) w./long handles (20" handles)	5

Manual Combination Tools

PAC400HD*	1/2	All Plastic	Single Feed High Joint Strength	9
PAC500HD*	5/8	All Plastic	Single Feed High Joint Strength	9

*Designed for use with HSS-4, HSS-5, and HSS-6 seals with the appropriately sized tool.



PAC Brand Tools

Manual Tools for Steel Strapping

PAC brand tools are designed to withstand tough steel strapping applications. Priced very competitively and covering a broad range of applications, they are backed by a large inventory of parts, and our own service department. In addition to the stock tools listed, we can also supply you with specialty steel strapping tools for unique applications from a wide range of sources.

Manual Tensioners

PRODUCT	STRAP SIZE (inches)	TOOL TYPE	SHIPPING WGT. (lbs./M)
OM75	1/2 x .015 to 3/4 x .023	Feedwheel	7
ST75FHD	1/2 x .020 to 3/4 x .035	High Tensile, Feedwheel	7
PBT58	3/8 x .015 to 1/2 x .020	Pusher Bar, Light Duty	2
PFH-PAC	to 1 1/4 x .035	Feedwheel, Push Type	7
ST125FHD	3/4 x .0312 to 1 1/4 x .035	Feedwheel	7
WT125HD	3/4 x .020 to 1 1/4 x .035	Windlass	6

Sealless Combination Tools

We stock and service sealless tools for a range of applications. In addition to the SL340, an inexpensive tool for regular duty steel strapping applications, we also stock the HT-SL, a cost competitive tool for both regular duty and high tensile steel. In addition to stock tools, we can supply specialized tools for specific applications, just check with customer service or your PAC Territory Manager.

PRODUCT	STRAP SIZE (inches)	TOOL TYPE	SHIPPING WGT. (lbs./M)
SL340	1/2 x .017 to 3/4 x .023 RD	Sealless	8
HT-SL	1/2 x .017 to 3/4 x .025 RD and HT	Sealless	8
HKE	1/2 x .015 to 3/4 x .025 RD and HT	Sealless	7
HKE-HD	3/4 x .025 to .031HT	Sealless Heavy Duty	9.5



Manual Sealers

PRODUCT	STRAP SIZE (inches)	TOOL TYPE	SHIPPING WGT. (lbs./M)
A380	3/8 to .030	Double Down Notch	2
A480	1/2 to .030	Double Down Notch	2
A580	5/8 to .030	Double Down Notch	2
A680	3/4 to .030	Double Down Notch	2
S380HD	3/8 to .020	Double Down Notch	3
S480HD	1/2 to .030	Double Down Notch	3
S580HD	5/8 to .030	Double Down Notch	3
S680HD	3/4 to .030	Double Down Notch	3
S380SN	3/8 to .020	Single Up Notch	3
S480SN	1/2 to .023	Single Up Notch	3
S580SN	5/8 to .023	Single Up Notch	3
S680SN	3/4 to .023	Single Up Notch	3
SA680	3/4 x .025 to .035 HT	Single Down Notch	7
SA1125SN	1 1/4 x .031 to .035	Single Down Notch	7
SA1125DN	1 1/4 x .031 to .035	Double Up Notch	7

A380
A480
A580
A680



S480HD
S480SN

14" HANDLES



SA680
SA1125



Strap Cutters

PRODUCT	STRAP SIZE (inches)	TOOL TYPE	SHIPPING WGT. (lbs./M)
SC75	to 3/4 x .035	Light and Regular Duty	1
SC125	to 1 1/4 x .035	Regular and High Tensile	2
SSC125	to 1 1/4 x .035	Safety Shear	2
SC200	to 2 x .050	Heavy Duty	6



*The HKE tool, manufactured by Titan (Germany) is designed for demanding high volume applications.

VT550L

The affordable alternative for light and regular duty strapping applications

The VT550L is a cost effective battery powered tool that tensions, seals and cuts the strap in one easy operation. Designed for light and regular duty applications, the VT550L can be operated in either an automatic mode, where one button completes the cycle, or it can be jogged for strap and edge protection placement. Now standard with an environmentally responsible Lithium Ion battery the VT550L does not require a break in period for the battery and is ready out of the box. The VT550L can be purchased in several different configurations, depending on your specific needs. Exclusively available through PAC Strapping Products, the VT550L is an ideal solution for both polypropylene and mid-tension polyester applications.

i TECHNICAL SPECIFICATIONS

- Applications:** General purpose regular and light duty applications for flat packages or pallets with Polyester and Polypropylene
- Weight:** 9.3lbs. (4.2 kgs.) with battery
- Seal Joint:** Friction Weld, 80% joint efficiency
- Tension Capabilities:** 550lbs. (2450 N)
- Strap Sizes:**
 - Polyester** - 1/2" (width) x .020"-.030" (thickness) - (12mm, .5mm-.76mm)
 - Polypropylene** - 1/2" (width) x .020"-.040" (thickness) - (12mm, .5mm-1.0mm)
- Battery Specs:** Lithium Ion (No break in period, quick charge, high capacity)
 - 400 cycles per charge (Average-Polypropylene)
 - 220 cycles per charge (Average-Polyester)
 - 1000 charges (Battery Life)
- Warranty:** 6 months; parts and labor for all manufacturing defects
- Options:** Multiple suspension brackets and tool balancers are available
110V AC operating power cord



VT550L PLASTIC STRAPPING TOOL

VT700L

The preferred battery tool for heavy duty and high tension applications.

For most applications, Polyester works best when applied in the working range, ideally at least 50% of the break strength of the strap. At 700 pounds maximum tension, the VT700L is the ideal battery powered tool for a wide range of polyester strapping applications. Operation and batteries are identical to the VT550L. The VT700L is equipped with a high tension motor to increase the tension, and all VT700L tools have a standard heavy duty steel wear plate for heavy duty applications. Competitively priced, the VT700L is a cost effective solution for heavy duty and high tension applications.

i TECHNICAL SPECIFICATIONS

- Applications:** General purpose heavy duty and high tension applications for flat packages or pallets with Polyester and Polypropylene
- Weight:** 10.1 lbs. (46 kgs.) with battery
- Seal Joint:** Friction Weld, 80% joint efficiency
- Tension Capabilities:** 700 lbs. (3100 N)
- Strap Sizes:**
 - Polyester** - 1/2"-5/8" (width) x .020"-.040" (thickness) - (12mm-16mm, .5mm-1.0mm)
- Battery Specs:** Lithium Ion (No break in period, quick charge, high capacity)
 - 220 cycles per charge (Average-Polyester)
 - 1000 charges (Battery Life)
 - Recharge time - 30 minutes
- Warranty:** 6 months; parts and labor for all manufacturing defects
- Options:** Multiple suspension brackets and tool balancers are available
110V AC operating power cord



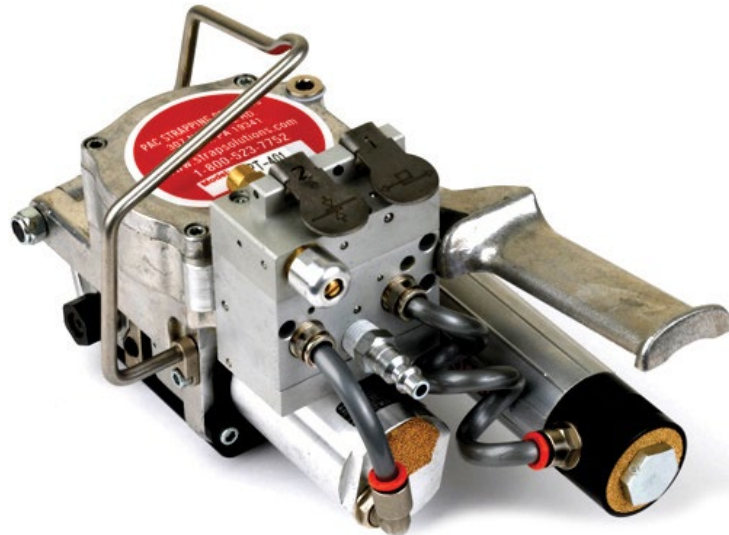
VT700L PLASTIC STRAPPING TOOL

Pneumatic Tools

The PAC APT line of pneumatic tools is designed to take the effort out of applying plastic strapping by performing all operations with the touch of a button. The APT line uses pneumatics to tension, weld, and cut the strap, and the high performance air motors apply enough tension to pull the strap into its working range. The result is improved strapping efficiency, uniform tensioning, better welds, and reduced operator fatigue. The PAC line offers a full range of tools for both polypropylene, and high strength polyester. All APT tools are backed by a robust warranty, and our own service department. These tools are proven for durability, reliability, and performance.

APT 401 TECHNICAL SPECIFICATIONS

Applications: Regular duty, flat packages, PP and PET can be adapted to limited round bundles
Weight: 10.8lbs. 4.9kg.
Seal Joint: Friction Weld, up to 80% joint efficiency
Tension Capability: 450 lbs.
Tension Speed: 36ft./min. (11m./min.)
Strap Sizes: 3/8" to 5/8" .020"-.035" thick
Air Requirements: 70-99psi (5.0-7 bar)
Air Connection: 1/4" NPT, minimum 3/8" hose, with filter regulator



APT401

APT 801 TECHNICAL SPECIFICATIONS

Applications: Regular duty, flat packages, PP and PET can be adapted to limited round bundles
Weight: 11.2 lbs. 5.1 kgs.
Seal Joint: Friction Weld, up to 80% joint efficiency
Tension Capability: 850 lbs.
Tension Speed: 29.5ft./min. (9m./min.)
Strap Sizes: 5/8" to 3/4" .025"-.040" thick
Air Requirements: 70-99psi (5.0-7 bar)
Air Connection: 1/4" NPT, minimum 3/8" hose, with filter regulator



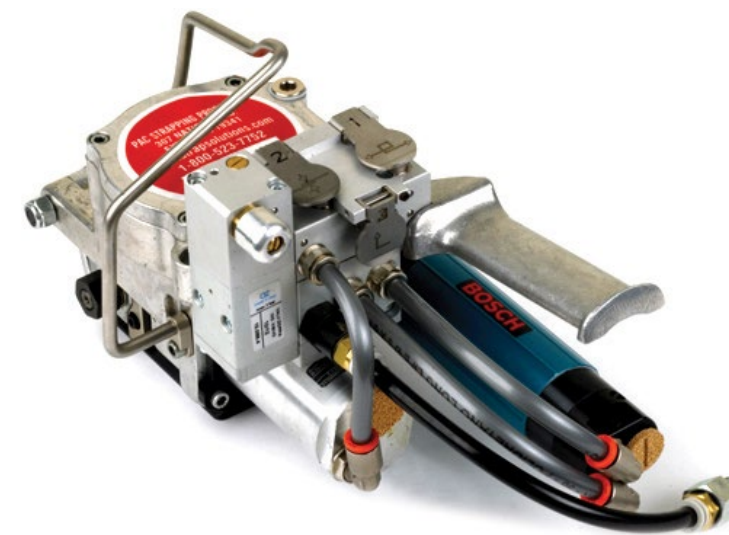
APT801

APT 1201 TECHNICAL SPECIFICATIONS

Applications: High tension, flat packages, PET only
Weight: 11.2 lbs. 5.1 kgs.
Seal Joint: Friction Weld, up to 80% joint efficiency
Tension Capability: 1250 lbs.
Tension Speed: 29.5ft./min. (9m./min.)
Strap Sizes: 5/8" to 3/4" .040"-.055" thick
Air Requirements: 70-99psi (5.0-7 bar)
Air Connection: 1/4" NPT, minimum 3/8" hose, with filter regulator

APT 1401 TECHNICAL SPECIFICATIONS

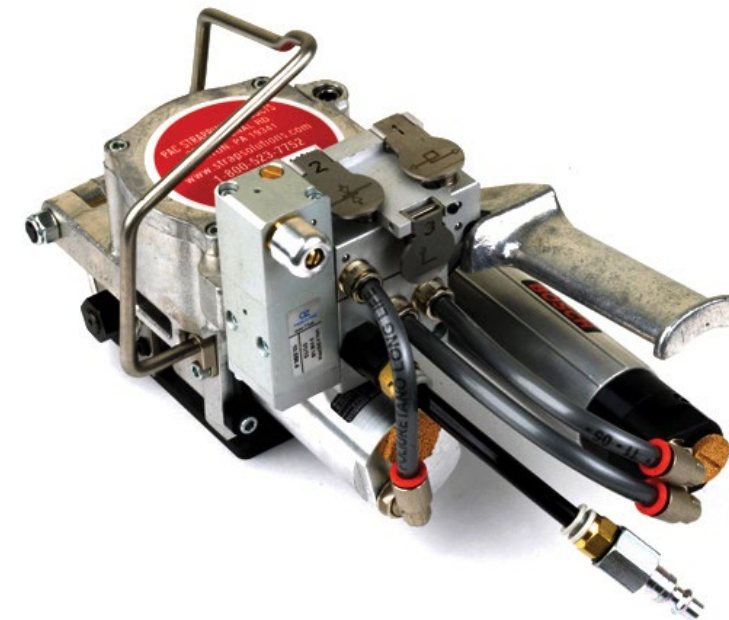
Applications: High tension, flat packages, PET only
Weight: 11.2 lbs. 5.1 kgs.
Seal Joint: Friction Weld, up to 80% joint efficiency
Tension Capability: 1280 lbs.
Tension Speed: 13ft./min. (4m./min.)
Strap Sizes: 1" to 1 1/4" .040"-.055" thick
Air Requirements: 87-99psi (6-7 bar)
Air Connection: 1/4" NPT, minimum 3/8" hose, with filter regulator



APT1201

PST 750 TECHNICAL SPECIFICATIONS

Applications: Pneumatic sealer only, flat or round surfaces
Weight: 5.7 lbs. 2.6 kgs.
Seal Joint: Friction Weld, up to 80% joint efficiency
Strap Sizes: 7/16" to 3/4", thickness from .016"-.055" PPY and PET
Air Requirements: 64-99psi (4.5-7 bar)
Air Connection: 1/4" NPT, minimum 3/8" hose, with filter regulator



APT1401

Filter Regulators

Filter regulators control airflow to pneumatic tools. They provide consistent, clean, lubricated and dry air to your tool for trouble-free operation.

Accessory Products



**Wire/
Plastic
Buckles**



**Edge
Protectors**



**Seals
for Plastic
Strapping**



**Strapping
Dispensers**



**Seals
for Steel
Strapping**

Buckles

We have been manufacturing metal buckles for over 34 years. We use first grade raw materials and rigid process controls to produce an excellent metal buckle that is easy to thread, consistent, and yields superior holding power. Used throughout the world, PAC metal buckles are the standard in the strapping industry. All PAC wire buckles are manufactured to meet ASTM Standard D3950.

Regular Duty Metal Buckles

Our patented PAC design metal buckle is engineered for easy threading and features our exclusive “S” lock to maximize holding power.

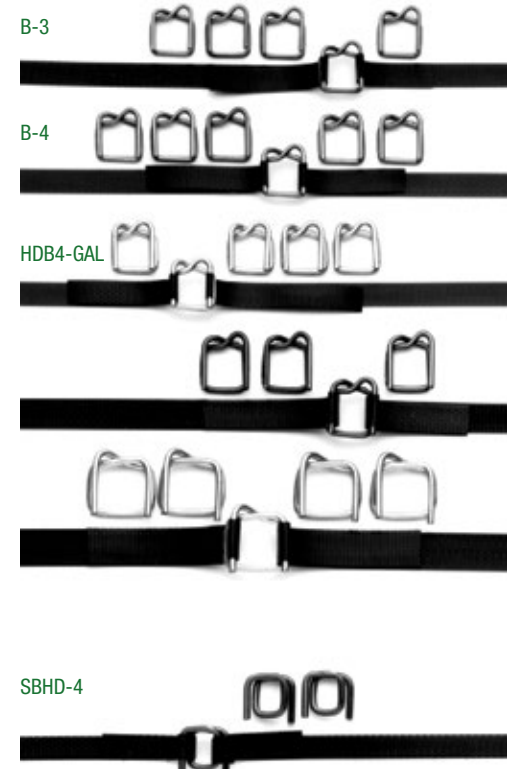
PRODUCT	STRAP SIZE (inches)	WIRE DIAMETER (inches)	FINISH	SHIPPING WGT. (lbs./M)
B-3	3/8	.092	Bright Basic	10
B-4	1/2	.105	Bright Basic	14
B-4L	1/2	.092	Bright Basic	11
SB-4*	1/2	.105	Bright Basic	11
B-5	5/8	.120	Bright Basic	20
B-6	3/4	.120	Bright Basic	23

*Square Design

Heavy Duty Metal Buckles

Heavy duty buckles are available in two designs. The square design is made especially for thicker gauge strap and heavy tension applications. The regular design is our own PAC design made from heavier gauge wire. PAC design heavy duty buckles are available in regular and galvanized finishes.

PRODUCT	STRAP SIZE (inches)	WIRE DIAMETER (inches)	FINISH	SHIPPING WGT. (lbs./M)
HEAVY DUTY - PAC DESIGN				
HDB-4	1/2	.120	Bright Basic	18
HDB-4GAL	1/2	.120	Galvanized	18
HDB-5	5/8	.135	Bright Basic	22
HEAVY DUTY - SQUARE DESIGN				
SBHD-4	1/2	.120	Bright Basic	16
SBHD-4.135	1/2	.135	Bright Basic	19
SBHD-5	5/8	.135	Bright Basic	20
SBHD-6	3/4	.135	Bright Basic	21



Phosphate Coated Buckles

Phosphate coated buckles are generally used in polyester cord and rayon cord heavy duty applications. The phosphate coating affords some additional protection against corrosion, and also significantly improves joint efficiency when properly applied.

PRODUCT	STRAP SIZE (inches)	WIRE DIAMETER (inches)	FINISH	SHIPPING WGT. (lbs./M)
XHDB-6 PHOS	3/4	.160	Bright Basic	43
XHDB-125 PHOS	1 1/4	.240	Bright Basic	37
XHDB-150 PHOS	1 1/2	.275	Bright Basic	31

XHDB-6PHOS



Galvanized Buckles

Galvanized buckles are frequently used with composite cord strapping and any applications where rusting will create a problem.

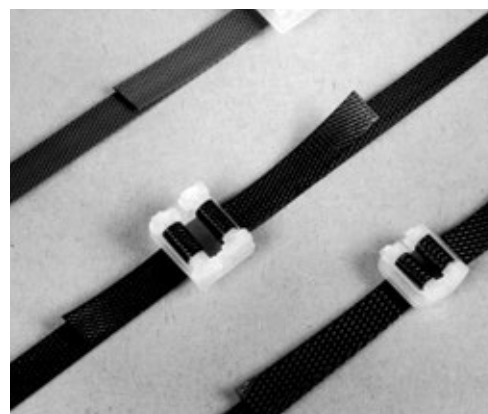
PRODUCT	STRAP SIZE (inches)	WIRE DIAMETER (inches)	PACKAGING PCS/CASE	SHIPPING WGT. (Lbs./Case)	CASES PER PALLET	SHIPPING WGT. PER PALLET
XHDB-5-GALV	5/8	0.140	1000	26.40	44	1162
XHDB-6-GALV	3/4	0.160	1000	38.06	44	1675
XHDB-8-GALV	1	0.200	500	40.92	44	1801
XHDB-125-GALV	1 1/4	0.275	250	47.30	44	2082



Plastic Buckles

Designed for light duty applications where corrosion resistance and / or a non-scratch product is important, PAC manufactures a range of plastic buckles to fit your demanding applications. For superior holding power and convenience, the patented "Bucklelok" design "locks" each leg into position to allow for pre-threading.

PRODUCT	STRAP SIZE (inches)	SHIPPING WGT. (lbs./M)
PLB-4	3/8 and 1/2	5
PLB-5	1/2 and 5/8	6
PLB-15HD	1/2 and 5/8	6
Bucklelok™	1/2	7

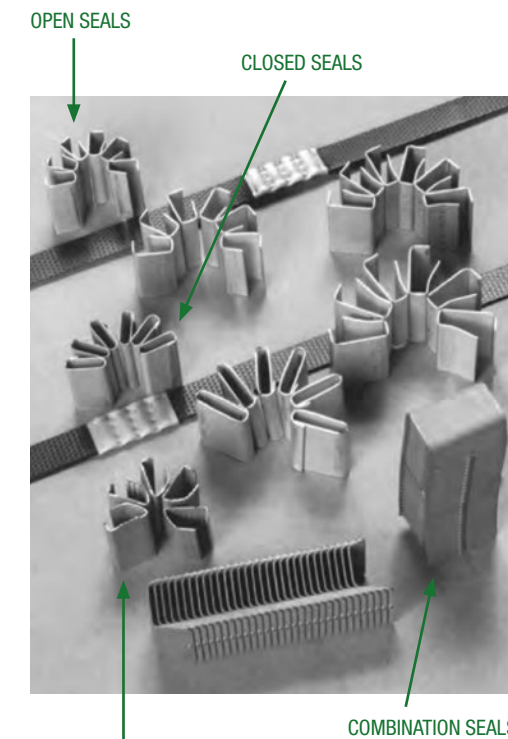


Seals

Seals for Plastic Strapping

PAC Seals are manufactured from the finest raw materials under carefully controlled conditions. They are known throughout the industry for quality, consistency and reliability. All standard open and closed seals are made to ASTM Standard D3950.

PRODUCT	STRAP SIZE (inches)	THICKNESS (inches)	SHIPPING WGT. (lbs./M)
OPEN SEALS			
S-30	3/8	.020	8
S-40	1/2	.025	12
S-40L	1/2	.020	10
S-50	5/8	.025	15
S-50L	5/8	.020	12
S-60	3/4	.025	18
CLOSED SEALS			
CS-40	1/2	.020	11
CS-50	5/8	.025	15



OPEN SEALS

CLOSED SEALS

COMBINATION SEALS

SERRATED SEALS

Seals for Combination Tools

Combination Seals are designed for use in specific tools. When ordering, please specify tool or comparable competitive seals. In addition to the stock sizes listed below, we carry a full line of seals for competitors tools.

PRODUCT	STRAP SIZE (inches)	DESCRIPTION	SHIPPING WGT. (lbs./M)
CCP481	1/2	Orgapack Combination Tools	20
HSS-4	1/2	Serrated Seals	13
HSS-5	5/8	Serrated Seals	22
HSS-6	3/4	Serrated Seals	42

APPLICATION TIPS PLASTIC STRAPPING SEALS

OPEN SEALS
(S-30 through S-60) The most common plastic seal, open seals allow you to place the seal on after tensioning has occurred.

CLOSED SEALS
(CS-40, CS-50) Closed seals must be threaded onto the strap before tensioning. They are used most frequently with round packages or bundles.

SERRATED SEALS
(HSS-4 through HS5-6) These seals are made with "teeth" that actually grip the strap, yielding higher joints than traditional seals.

COMBINATION SEALS
For use in combination tools, these seals are tool-specific and have to be matched to the proper tools.

Seals for Steel Strapping

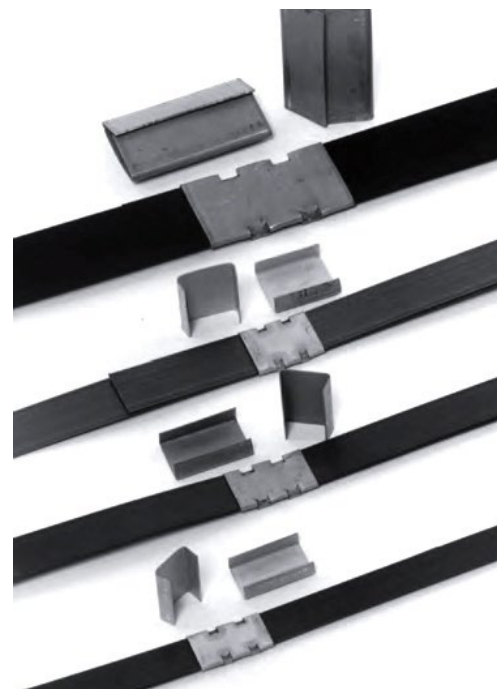
All PAC steel strapping seals are made from precision tested galvanized steel. Engineered for high joint efficiency with regular duty and heavy duty steel, all PAC seals meet federal government standards, along with ASTM Standard D3953. In addition to the stock sizes listed, we can also supply steel seals for many combination tools, including Signode.

Regular Duty

PRODUCT	STRAP SIZE (inches)	SEAL LENGTH (inches)	THICKNESS (inches)	SHIPPING WGT. (lbs./M)
OPEN SEALS				
OST38	3/8"	1.125	.020	5
OST48	1/2"	1.25	.020	6
OST58	5/8"	1.25	.020	8
OST68	3/4"	1.25	.020	10
CLOSED SEALS				
CST38	3/8"	1	.020	5
CST48	1/2"	1	.020	7
CST58	5/8"	1	.020	8
CST68	3/4"	1	.020	9
OVERLAP SEALS (PUSH TYPE)				
PT38	3/8"	.875	.025	7
PT48	1/2"	.875	.025	9
PT58	5/8"	.875	.025	10
PT68	3/4"	.875	.025	12

Heavy Duty

PRODUCT	STRAP SIZE (inches)	SEAL LENGTH (inches)	THICKNESS (inches)	SHIPPING WGT. (lbs./M)
OPEN SEALS				
OST68HD	3/4	1 3/4	.030	25
OST125HD	1 1/4	2 1/4	.030	47
CLOSED SEALS				
CST68HD	3/4	1 3/4	.030	25
CST125HD	1 1/4	2 1/4	.030	47
OVERLAP SEALS (PUSH TYPE)				
PT68HD	3/4	1 3/4	.030	34
PT125HD	1 1/4	2 1/4	.030	68



APPLICATION TIPS PLASTIC STRAPPING SEALS

OPEN SEALS (OST Type) The most common seal for regular-duty applications, open seals allow you to place the seal on after tensioning has occurred. Also occasionally referred to as snap-on seals.

CLOSED SEALS (CST Type) Closed seals must be threaded onto the strap before tensioning. They are rarely used in regular-duty applications.

PUSH TYPE (PT Type) Sometimes called full overlap seals, push type seals are used with round bundles, and with pusher tools in heavy-duty applications. These seals must be threaded on prior to application.



Edge Protectors

PAC strapping Products, Inc. manufactures the broadest line of plastic edge protectors in the industry.

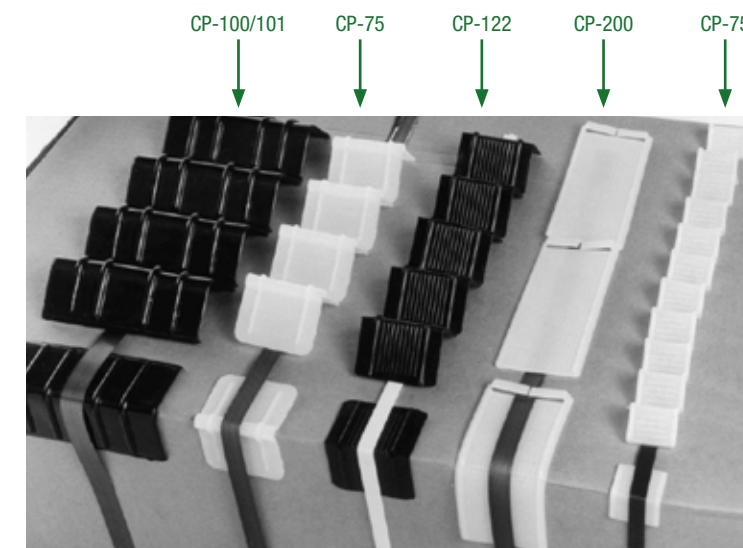
For use with both steel and plastic strapping, PAC corners cushion your product and allows the strap to be tightened to its maximum tension without damaging the package. Each plastic corner is constructed from a specially formulated resin and is ribbed to hold the strapping firmly in place. Steel corners meet all Federal and GSA specifications.

Colors: Stock plastic corners are white or black. Both CP-75's and CP-125's are also available in blue, red, or yellow, subject to a 50 case minimum. Please specify color when ordering.



PRODUCT	STOCK COLOR	WIDTH (inches)	LEG LENGTH (inches)	MAXIMUM STRAP SIZE	SHIPPING WGT. (lbs./M)
CP-75	White	1 3/8	1	3/4	8
CP-125	White	2 1/2	2	1 1/4	30
CP-100*	Black	5 1/4	2	1 1/4	100
CP-101	Black	5 1/4	2	1 1/4	100
CP-122	Black	2 1/2	1 3/4	1 1/4	27
CP-200	White	2 1/2	6 (Flat)	2	40
SCP125HD**	(Steel)	3	2	1 1/4	140

*CP-100 corners have four inside points which penetrate the outside layer of your carton to hold the corner in place
**Steel corner protector



EcoGuard™

The “Green” Solution to Unitizing and Edge Protection

ECOGUARD™ is manufactured from 100% recycled high density polyethylene. It can also be recycled, and contains no glues, adhesives, inks or other non plastic contaminants that hinder recyclability. It is also designed to be re-used. In addition to being a “green” alternative to paper or laminated products, EcoGuard™ has characteristics that make it the preferred alternative to other forms of edge and corner protection.

Characteristics and benefits are listed below:

- Moisture and Weather Resistant**
 Unlike paper products, EcoGuard™ is waterproof and will not break down when stored outside. It continues to protect your product in all types of climates.
- Unitizes Your Shipment**
 Used in conjunction with strap or stretch film, EcoGuard™ unitizes smaller packages on your pallet reducing pilferage and damage.
- Improved Stacking Strength**
 Vertical application of EcoGuard™ reinforces loads allowing them to be stacked higher and more effectively using warehouse space.
- Better Tension Distribution**
 Used with strap, either plastic or steel, EcoGuard™ disburses tension around the load increasing package integrity and reducing strap and shipping damage.
- Custom Sizes**
 In addition to stock sizes, EcoGuard™ can be custom produced in various weights and lengths to fit specific loads.



Strapping Dispensers

Plastic and Steel

All PAC strapping dispensers are manufactured utilizing the highest quality material and workmanship. High yield structural tubing, heavy load bearing wheels and solidly constructed brake assemblies result in dispensers that will give you years of dependable performance.

DSP HD Deluxe Dispenser

The DSP HD is a heavy duty dispenser designed for use with all oscillated wound steel coils and 16” plastic coils. In addition to a convenient tray for tools and seals, and 8” wheels, it features the exclusive strap roller payoff system to prevent kinks and strap spill-over.

DSP STD Standard Dispenser

Our best selling model, the DSP STD can be used for both steel and nonmetallic strapping. Features include an automatic brake, heavy duty 6” wheels, and a tool tray. This cart is extremely versatile and accepts 3”, 6”, and 8” face coils as well as 16” and 8” cores.

DSP OSC Heavy Duty Dispenser

This unit has a continuous handle heavy duty tubular frame. It comes complete with a large tool tray, automatic brake, and 10” semi-pneumatic wheels. It accepts 16” core coils in face sizes up to 6” and is compatible with steel and nonmetallic strapping.



DSP HD



DSP-STD



DSP OSC

Strapping Kits

#RWD125 Ribbon Wound Dispenser

This is a heavy duty, continuous handle, tubular constructed dispenser. Designed for use with ribbon wound 1 1/4" steel, this unit is complete with 10" semi-pneumatic wheels, and an extra large tool tray.

#RWD2020 Strap Truck

Designed for ribbon wound steel, the RWD 2020 holds up to 3 ribbon wound coils, has space to store heavy duty tools and seals, and oversized wheels for ease of handling. This is a well constructed heavy duty cart suitable for the most demanding applications.

PRODUCT	CORE SIZE	STRAP TYPE	SHIPPING WGT. (lbs./M)
965 HD	16x3, 16x6	Plastic, Steel, Rubber Wheels	58
DSP CORD	3x6, 4x6	Cord, 6" Plastic Wheels	28
DSP ECONOMY CORD	3x6, 4x6	Cord	11
DSP HD	16x3, 16x6	Plastic, Steel, 8" Plastic Wheels	58
DSP OSC	16x3, 16x6	Plastic, Steel, 8" Plastic Wheels	58
DSP STD	8x8, 16x3, 16x6	Plastic, Steel, Cord 8" Plastic Wheels	48
RWD125	Ribbon Wound	Steel	74
RWD2020	Ribbon Wound	Steel	54



RWD125



RWD2020



Plastic Strapping Kits



Cord Strapping Kits



Steel Strapping Kits

The PAC family of strapping kits offers wholesalers of both plastic and steel strapping an excellent opportunity to increase sales and profits by efficiently servicing those markets that need a complete strapping set up. With the PAC family of kits, there is no need to inventory separate components, do any packaging, or send a sales rep out to do a demo. PAC kits are available in both steel and plastic, and come in several sizes and varieties for a wide range of applications.

We are also happy to build specialized kits for unique applications.

Plastic Strapping Kits

Strap PAC

This basic kit is still our best selling plastic strapping kit. Available in four different styles, this convenient kit contains everything needed for a complete, self-contained, light duty strapping system. Designed for low volume and multi-station users, the Strap PAC is portable and economical.

Econo PAC

Available in both regular and heavy duty, this complete, self-contained kit contains everything necessary to handle a wide range of applications. Packaged in a double wall self dispensing carton, Econo PAC's are ideal for first time users and multi-location buyers.

All PAC-Polypropylene

CSS1200

This is the ultimate strapping kit designed for the customer who wants a premium strapping system. The All PAC complete strapping system is equipped with everything needed including a heavy-duty, durable dispenser cart.

All PAC-Polyester

PSK48

The PSK48 is a complete strapping kit for those applications requiring the special characteristics of polyester strap. Everything is included in one carton containing strap, tools, seals, and a dispenser, all matched to give you a complete polyester strapping system.

PSK58

Similar to the PSK48, this version includes extra heavy duty 5/8" polyester for the most demanding applications. All accessories and tools are sized accordingly.

Postal Kit

Postal Kit Plus

This inexpensive kit comes complete with post office recommended white strapping, plastic buckles, and a simple tensioning and cutting tool. It is packaged in a self-dispensing carton, has complete instructions, and contains enough material to strap 500 trays.

Steel Strapping Kits

Portable Steel Kits

PAC portable kits are complete self-contained steel strapping systems. Available in three sizes, these kits are perfect for the occasional to moderate user of steel strapping. All Steel PAC's are completely portable making them ideal for use at remote job sites.

Jumbo Steel Kits

Jumbo Steel Kits are complete steel set ups with everything needed to begin your steel strapping operation immediately. All jumbo steel kits are shipped with full size steel coils, seals, tools, a heavy duty dispenser, and complete instructions. Jumbo steel kits are available in several different sizes for both flat packages and round bundle applications.* All jumbo steel kits are shipped complete, with steel pre-loaded on the dispenser, and on their own specially designed pallets for easy transport and re-shipping.

Replacement Stock

Steel & Plastic

Strapping and seal replacements kits are available for all Econo PAC's, All PAC's, All PAC's, and Steel PAC's.

*Kits for round bundle applications include pusher tools and seals.

Strap PAC

PRODUCT	CONTENTS	SHIPPING WGT. (lbs./M)
KITS FOR FLAT LOADS		
SP-W	3000ft. light duty strapping 300 wire buckles 1 hand pull tensioner	14
SP-P	3000ft. light duty strapping 300 plastic buckles 1 hand pull tensioner	9
Postal Kit Plus	3000ft. Post Office recommended 1/2" white polypropylene strapping 500 plastic buckles 1 tensioning & cutting tool Complete, simple instructions Packaged in a self-dispensing carton	12

Econo PAC

HP48	9000ft. 1/2" 400lb. strapping 1000 wire buckles 1 hand pull tensioner	38
EP48	9000ft. 1/2" 4light duty strapping 1000 1/2" open seals 1 tensioning tool 1 sealing tool	44
EP48HD	7200ft. 1/2" heavy duty strapping 1000 1/2" open seals 1 heavy duty tensioning tool 1 sealing tool	46

All PAC

POLYPROPYLENE		
CSS1200	3600ft. 1/2" heavy duty strapping 500 1/2" open seals 1 heavy duty tensioning tool 1 sealing tool 1 mobile strapping dispenser	78
POLYESTER		
PSK48	5800ft. 1/2" 775# polyester strapping 500 high joint strength seals 1 heavy duty tensioning tool 1 polyester sealing tool 1 mobile strapping dispenser	111
POLYESTER		
PSK58	4000ft. 5/8" 1400# polyester strapping 500 high joint strength seals 1 heavy duty tensioning tool 1 sealing tool 1 mobile strapping dispenser	125



SP-W



EP48



POSTAL KIT PLUS



CSS1200/PSK48/PSK56

Heavy Duty Cord Kit

Designed to replace steel strapping in many applications, the PAC heavy duty CORDKIT is a complete kit that contains everything needed to start strapping. The CORDKIT is ideal for job sites, lumber and construction applications, as well as a host of applications where steel is too heavy, too costly, and too dangerous. Each kit is packaged in a heavy duty, reusable tool kit and individual replacement components are available from your local distributor.

	A 250ft. coil of heavy duty (250lbs. break strength) polyester cord	
Cord Kit	1 PST-Cord tensioning tool	20
	50 Heavy duty phosphate coated buckles	
	A reusable tool kit	

Heavy Duty Cord Kit for Round Bundles

Similar to the Heavy Duty Cord Kit, the RB kit is specifically designed for round bundles and hard to get applications. The kit includes an easy to use strapping dispenser with a tray for wire buckles, a special tool with a nose function, heavy duty cord strapping, and phosphate coated heavy duty buckles.

	1 250ft. coil of 3/4" heavy duty (2500lbs. break) Polyester cord strapping	
CORDKIT-RB	1 cord strapping dispenser	16
	100 heavy duty phosphate coated wire buckles	
	1 PST-RB strapping tensioner designed for round or small strapping applications	



CORDKIT



CORDKIT-RB

Portable Steel Kits for Flat Loads

PRODUCT	CONTENTS	SHIPPING WGT. (lbs./M)
SK48	400ft. 1/2"x.020 steel (2 coils) 500 OST48 Open Steel Seals 1 OM75 Tensioner A480 Double Notch Crimper 1 SC75 Cutter Re-Usable Steel Carrying Case Instructions	35
SK58	400ft. 5/8"x.020 steel (2 coils) 500 OST48 Open Steel Seals 1 OM75 Tensioner A580 Double Notch Crimper 1 SC75 Cutter Re-Usable Steel Carrying Case Instructions	39
SK68	400ft. 3/4"x.020 steel (2 coils) 500 OST48 Open Steel Seals 1 OM75 Tensioner A680 Double Notch Crimper 1 SC75 Cutter Re-Usable Steel Carrying Case Instructions	39

Portable Steel Kits for Round or Irregular Loads

PRODUCT	CONTENTS	SHIPPING WGT. (lbs./M)
SK48-RB	1 coil 1/2"x.020" Steel (approx. 2942') 500 PT48 Push Type Steel Seals 1 PF-PAC Tensioner 1 S480SN Single Notch Crimper 1 SC75 Cutter 1 DSP HD Heavy Duty Mobile Dispenser Instructions	190
SK58-RB	1 coil 5/8"x.020" Steel (approx. 2353') 500 PT58 Push Type Steel Seals 1 PF-PAC Tensioner 1 S580SN Single Notch Crimper 1 SC75 Cutter 1 DSP HD Heavy Duty Mobile Dispenser Instructions	190
SK68-RB	1 coil 3/4"x.020" Steel (approx. 1961') 500 PT68 Push Type Steel Seals 1 PF-PAC Tensioner 1 S680SN Single Notch Crimper 1 SC75 Cutter 1 DSP HD Heavy Duty Mobile Dispenser Instructions	190



PORTABLE STEEL KITS

Jumbo Steel Kit

The Jumbo steel kit contains everything needed to begin steel strapping operations, all packaged in one heavy duty carton and packaged on a special skid.

PRODUCT	CONTENTS	SHIPPING WGT. (lbs./M)
JSK48	A coil of 1/2"x.020" steel strapping (2940ft.) 500 galvanized open seals (OST48) A heavy duty feed wheel tensioner (OM75) A sealing tool (A480) A heavy duty full size strapping dispenser (DSP-HD) Complete instructions	180
JSK58	A coil of 5/8"x.020" steel strapping (2360ft.) 500 galvanized open seals (OST58) A heavy duty feed wheel tensioner (OM75) A sealing tool (A580) A heavy duty full size strapping dispenser (DSP-HD) Complete instructions	180
JSK68	A coil of 3/4"x.020" steel strapping (1960ft.) 500 galvanized open seals (OST68) A heavy duty feed wheel tensioner (OM75) A sealing tool (A680) A heavy duty full size strapping dispenser (DSP-HD) Complete instructions	180



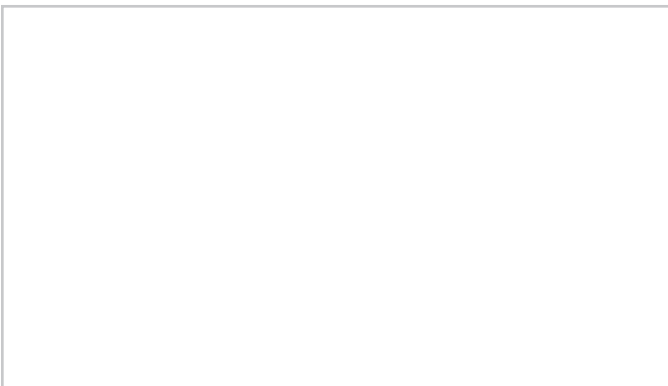
JUMBO STEEL KITS

Jumbo Steel Kits for Round Bundles

Similar to the Jumbo Kits for regular and flat packages, the RBK kits are full strapping systems designed for round bundles and hard to get to places.

RBK48	1 coil of 1/2"x.020" steel strapping (2940ft.) 1 heavy duty push type tensioner 1 sealing tool designed for round packages 1 steel strapping cutter, 500 push type seals, and instructions. Steel, and contents are pre-loaded on a heavy duty mobile strapping dispenser.	180
RBK58	1 coil of 5/8"x.020" steel strapping (2360ft.) 1 heavy duty push type tensioner 1 sealing tool designed for round packages 1 steel strapping cutter, 500 push type seals, and instructions. Steel, and contents are pre-loaded on a heavy duty mobile strapping dispenser.	180
RBK68	1 coil of 3/4"x.020" steel strapping (1960ft.) 1 heavy duty push type tensioner 1 sealing tool designed for round packages 1 steel strapping cutter, 500 push type seals, and instructions. Steel, and contents are pre-loaded on a heavy duty mobile strapping dispenser.	180

Distributed by:



Products are sold by packaging and material handling distributors throughout the United States and internationally.

General Offices:

307 National Road, Exton, PA 19341

1 800 523 7752 Toll Free

ph 610.363.8805 / **fx** 610.363.7349

Visit our website at: **www.StrapSolutions.com**

Manufacturing and Warehouse Facilities:

307 National Road, Exton, PA 19341

149 Aviation Boulevard, Lancaster, SC 29720