



**PRODUCT
CATALOGUE**

K.D. International
HOUSE OF INDUSTRIAL PACKAGING



We Pack Your Worries Away

Dear Sir,

We are pleased to introduce K.D. International as a team of highly experienced Packaging Professionals. Packaging being a very vast field, it requires a supplier who can cater to your day to day packaging requirements of consumables and machines as well as provide service support. We would like to share our expertise in the following products.

PACKAGING MACHINES-

- (a) **Rapid –O-Seal** Automatic and Semiautomatic Carton Strapping machines from Taiwan.
- (b) **Rapid –O-Seal** Carton Taping Machines.
- (c) **Rapid –O-Seal** Shrink Wrapping Machines.
- (d) Portable Pneumatic & Battery Operated Polyester Strapping Hand Tools.
- (e) Pneumatic Nailing Guns & Staplers.
- (f) Stretch Wrapping Machines for Pallets & Boxes.
- (g) Heavy Duty Steel Strapping Manual & Pneumatic Tools.
- (h) Continuous Band Sealing Machines.
- (i) Airpad Machines for Void Filling and Product Protection.

PACKAGING CONSUMABLES-

- (a) Heat Sealing Polypropylene Strapping for Automatic and semi automatic strapping machines.
- (b) Polyester / PET Strappings.
- (c) Painted & Waxed Steel Strappings & Steel.
- (d) Nail Coils / Strips for Pneumatic Nailing guns. Staple Pins for Pneumatic Stapler.
- (e) Stretch Film – Manual & Machine grade. Pre Stretch Films.
- (f) Corner Boards, ID & OD Protectors.
- (g) Airpad Films, Air Columns & Bubble Rolls.
- (h) PP Sheet for Packing
- (i) Protective Sleeves

To support these high quality machines, K.D. International has following infrastructure.

- 1) **Presence in Market** : We have full fledged office & warehouse in Faridabad.
- 2) **After Sales Service** : We have a team of experienced & qualified engineers, to back up after sales service.
- 3) **Experience in Packaging Field** : We have more than 25 years, national & international, experience in end of line packing products.
- 4) **Proven technology** : Our products are of high quality and of proven technology.
- 5) **Our Motto** : Customer satisfaction by quality product & services.

We also offer you free End of the line Packaging Audit & demonstration of our Products at your premises.

We thank you for giving us the opportunity to introduce our product.

Yours truly

For K.D. International



Rajeev Bhatt (9810062285)

Semi Automatic Strapping Machines

Heavy Duty Model

- Suitable for low & Medium Strapping Applications
- "Electricity -saving" device, the motor automatically stops running after 60 seconds.
- Advanced P.C.B. microchip control system
- High strapping tension

Specification

Max Packaging Size	Any Size
Min Packaging Size	60mm
Strap Width	6-15mm(adjustable)
Strap Core Size	200mm
Strapping Tension	15-50kgs
Strapping Speed	1.5 sec/strap
Power Consumption	400W
Power Supply	AC 220 V (50/60hz)
Dimensions	910(L)x580(W)x750(H)mm
Net Weight	97kg
Gross Weight	108kg



**Rapid-O-Seal
Model RIL-100**

PP Strapping Rolls

For Semi Automatic & Fully Automatic Machines



Size : 6mm-15mm

Fully Automatic Strapping Machines

- High strapping speed & Suitable for continuous Operations
- Easy operation, simple maintenance
- Mechanical outside tension control
- Tension can easily set with a dial
- Affordable for every budget
- Standard Arch Size 850mm (W)x 600mm(H)
- Larger Size Arch on Request

Specification

Max Packaging Size	800mm(W) x 550mm(H)
Min Packaging Size	100mm(W) x 20mm(H)
Strap Core Inner Dia	200mm
Strap Width	8-15.5mm (adjustable)
Strap Thickness	0.55-0.75mm
Strapping Tension	10 to 70kg (Max)
Table Height	810mm
Max Package Weight	70kg
Strapping Speed	27 Strap/Min (60Hz, 1PH)
Power Consumption	0.65 KW
Power Supply	220V/380V(50/60hz) 3PH
Temp. of Working Environment	5-40°
Dimensions	620(D)x1430(W)x1540(H)mm
Net Weight	220kg



**Rapid-O-Seal
Model RIL-100FA**

Carton Sealing Machines

Top And Bottom Belt Drive

- Automatic carton taping machine for application of packing tape on top and bottom of the carton.
- Independent 2 motor drive.
- Heavy Duty Machines

Specification

Tape Width	3" (2" optional)
Sealing Size	L 170 - ~ xW170-500xH120-500mm
Speed	20mtrs/min
Carton Weight	1-40 kg
Power Supply	200V, single phase
Motor Power	120w x 2pcs
Dimensions	L 1250xW650xH1040-1380mm
Net Weight	128 kg



Rapid-O-Seal
Model RIL-200CSMTB

Auto Carton Sealing and Strapping Combo Unit

- This system combines auto carton sealing machine with fully-auto strapping machine and reduces labour costs
- Carton sealer or strapper can also be used separately

Specification

Tape Width	2"/3" Optional
Power	1000W
Sealing Size	L 200-600 x W150-500 x H150-500mm
Strap Size	7mm / 9mm / 12mm x 0.45-1.0mm
Table Height	580-780mm
Power Supply	220 V/50HZ 1 phase
Speed	6 carton / min
Max. Loading Weight	1-40kg
Net Weight	400kg



BOPP Adhesive Tape

Size : 1/2" - 3 1/2"

Tape Dispensers



High Quality & Heavy Duty
Tape Size 2" & 3"



Battery Operated Polyester Strapping Machine & Polyester Strap

Specification

Model	Q31	
Straps Size	Width	13-16 mm
	Thickness	0.5-1.2mm
Power Supply	Battery	18V Lithium battery 5.0Ah/4.0Ah
	Charge time	Charge 90 minutes can straps 50-200 loops
	Charger	230V, 50-60Hz DC 10.8V-18V=3.5A
Maximum tension force	400N-2800N	
Strap Joint	Friction Sealing	
Weight	3.5 kg	



Model Q31



Model JDC13/16

Specification

Model	JDC13	JDC16
Color	Blackish Green	
Straps Size	Width	13-16 mm
	Thickness	0.4-1.2mm
Power Supply	Battery	4.0Ah 12VCD Lithium battery 4.0Ah 12VCD
	Charge time	Charge 90 minutes can straps 100-150 loops
	Charger	110V-240V,50-60Hz DC 12.6V=4.0A
Apply straps	PP/PET	
Strap Joint	Friction Sealing	
Maximum tension force	2800N	
Weight	3.16Kg	

Specification

Model	DD19A	DD25A
Color	Blackish Green	
Straps Size	Width	16-19 mm 19-25 mm
	Thickness	0.5-1.7mm
Power Supply	Battery	14.8V-4000mAh Two batteries per set
	Charge time	Charge 90 minutes can straps 100-150 loops
	Charger	110V-240V,50-60Hz
Strap Joint	Friction Sealing	
Maximum tension force	400-5000N	
Weight	4.3Kg	

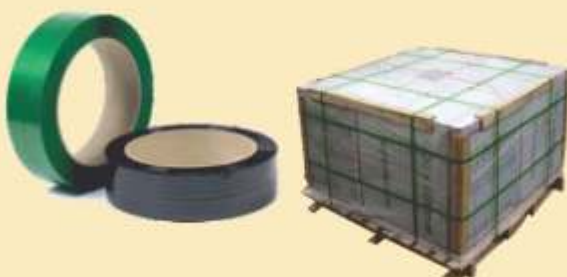


Model DD19A/25A

POLYESTER (PET) STRAP

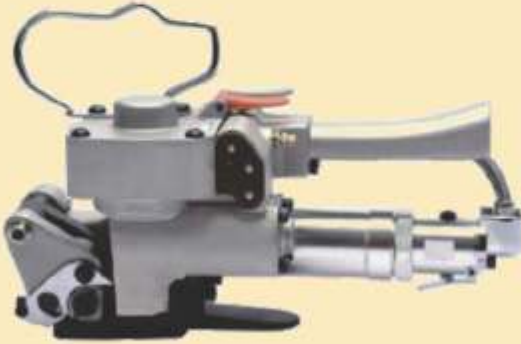
Specification

Model	PET STRAP	
Straps Size	Width	12-32 mm
	Thickness	0.6-1.35mm
Applications	Pneumatic Tools Battery Operated Tools	
Roll Weight	20Kg Net.	
Strap Break Load	260-1600kg	



PNEUMATIC POLYESTER STRAPPING TOOLS

A19/25 Pneumatic Polyester Strapping Tools



Model A19/25

Specification			
Model		A19	A25
Straps Size	Width	13-19 mm	19-25 mm
	Thickness	0.5-1.2mm	0.5-1.5mm
Apply straps		PP/PET	
Forward Mode		With Strap Separator	
Seal straps form		Friction and hot welding	
Maximum tension force		2500N	
Air Pressure		0.5-0.8MPa	
Weight		3.82Kg	

B19/25 Pneumatic Polyester Strapping Tools

Specifications

Model		B19	B25
Apply Straps size	Width	13-19 mm	19-25mm
	Thickness	0.5-1.2mm	0.5-1.5mm
Apply Straps		PP/PET	
Forward Mode		Free separate strap	
Seal Straps Form		Friction and hot welding	
Maximum Tension Force		3500N	
Air Pressure		0.5-0.8Mpa	
Weight		3.8kg	
Specification		L280xW160xH180mm	

- These pneumatic strapping tools are used to tension, seal and cut
- various grades of plastic straps of Polypropelene (P.P) and Polyester (PET). These tools create a SEALLESS joint and find wide usage in securing large articles, Pallets, Bales etc.



Model B19/25

Shrink Chamber & Shrink Tunnel



Model KDSC 5540



Model KD 3020-4525-4535-6535

Manual Tensioner & Sealer

Plastic Strapping Sealer



- These Sealers are used with different sizes of PP and PET strap.
- PET Strap Sealer are for Crimping heavy duty serrated seals.
- High quality and duly heat treated for long life.

Plastic Strapping Tensioner



- This tensioner is used for applying maximum tension with minimum effort.
- Has cutter to cut off the excess strap
- Ergonomic and durable design

Hand Sealer & Foot Sealer Machines



- High quality double transformer
- Brass Hot bar elements
- Adjustable electronic timer
- Audio and Visual
- Hot Bar Sealer for Multilayer Laminated pouches
- Round element Impules sealers for sealing+cutting.



Available In 8" - 36" Sealing Length

Continuous Band Sealers



**RAPID-O-SEAL
FRB-770**

Specification

Sealing Speed(mtrs/min)	0-12
Sealing Width(mm)	10
Temperature Range	0-300 deg C
Single Conveyor Loading(kg)	< 1
Overall Conveyor Loading(kg)	< 3
Power(W)	500Watts
Power Supply	220 V 50hz
Dimensions(mm)(LxWxH)	800x380x550
Net Weight(kg)	35

- Continuous band sealers are Suitable for pouch packaging
- Control system and stepless speed adjusting mechanism for conveyor
- Can seal plastic films of various materials
- OPTIONAL: Vertical band sealer

Stretch Wrapping Machine

Box Stretch Wrapping Machine



Model : JSW - 01 MH

Technical Specification

Turntable Diameter*	400mm (Can be custom made)	Diameter of inside paper core	50 -76
Turntable Speed**	20 R / Min (can be adjusted)	Stretch rate	100% - 300%
Machine Column Height**	1250mm (wrapping height with in 500-750)	Electrical Specification	"TE" France
Work Table Height	630mm	Power Supply	200 -240 VAC, Single Phase, 50Hz
Air Pressure	4 kg / cm ² 2-6 kg / cm ²	Power Consumption	1.2 KW
Air Consumption	0.7 m ³ / hr.		
Production Specification		All Electrical Components are of International Make.	
Product Weight	Maximum 60 kg.		
Diagonal Product Size	0 -900mm		
Product Height	500 - 600mm		
Film Parameters			
Material	LLDPE		
Width of Roll	100 -600MM		
Thickness	17 - 35 microns		

Pallet Stretch Wrapping Machine



Stretch Wrapping Film



Size :
Width : 3" - 24"
Thickness : 9microns - 70microns
Pre - Stretch Film - 9microns

Technical Specification

PERFORMANCE:

Turntable speed: 10rpm

Loads per hour: 20 pallets/hr depending upon the pick & Place of pallet

Working Height : 2400 mm (Can be Customized)

LOAD CAPABILITIES

Max. Loading Weight: 1500 kg

Mechanical Specification

Capacity (Pallets per hour): 20 Pallets/hr

Turn table speed adjustable (rpm): 0-15 rpm

Turntable Diameter: 1500 mm / 1650 mm

Turntable Height: 80 mm

Machine Length (mm): 2500 mm

Machine Width (mm): 1500 mm

Machine Height (mm): 2700 mm

Construction: M.S. Sheet, LASER Cut turntable, Al. Alloy angle & Channel

Structure : MS powder coated

Shipping weight: 650 Kg

Robot Stretch Wrapping Machine



Machine Specification

- 1 phase 230V / 1 kW;
- 150 / 180 Packaging loads with full batteries;
- Various pre-stretch systems available;
- Core Ø76mm, film thickness from 9 to 35my;
- Photocell for pallet height detection;
- Max pallet height 2.100mm;
- Speed controlled by frequency inverter;
- Film overlap can be regulated.
- Maintenance free gel batteries. (12V-110AH)

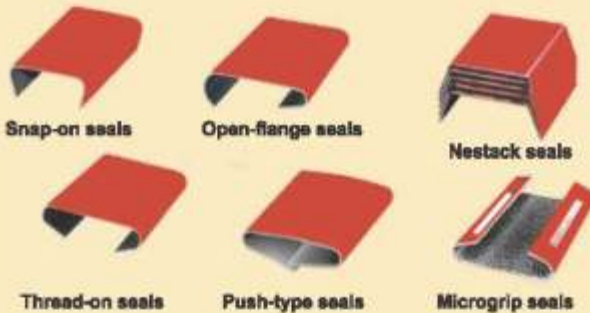
Painted & Waxed Steel Strapping & Seals



Specification Chart Low Carbon Uniflex Steel Strapping

Size	Width mm	Thick mm	Break Load	UTS Kg/mm ²	Bend	Elongation (150mmGL)	Winding	Yield (M/Kg)
1215	12.70	0.38	377	78.0	2	1.5% max	Mill	26.4
1218	12.70	0.46	450	77.0	2	1.5% max	Mill	21.8
1223	12.70	0.58	552	75.0	2	1.5% max	Mill	17.3
5815	15.88	0.38	470	78.0	2	1.5% max	Mill	21.1
5818	15.88	0.46	562	77.0	2	1.5% max	Mill	17.4
5820	15.88	0.51	623	77.0	2	1.5% max	Mill	15.7
5823	15.88	0.58	690	75.0	2	1.5% max	Mill	13.8
3415	19.05	0.38	564	78.0	2	1.5% max	Mill	17.6
3418	19.05	0.46	674	77.0	2	1.5% max	Mill	14.5
3420	19.05	0.51	728	75.0	2	1.5% max	Mill	13.2
3423	19.05	0.58	830	75.0	2	1.5% max	Mill	11.5
3425	19.05	0.64	915	75.0	2	1.5% max	Mill	10.3
1025	25.04	0.64	1220	75.0	2	1.5% min	Ribbon	7.8
1031	25.04	0.79	1505	75.0	2	1.5% min	Ribbon	6.3
1425	31.75	0.64	1485	73.0	2	1.5% min	Ribbon	6.2
1431	31.75	0.79	1830	73.0	2	1.5% min	Ribbon	5.1

Type of Seals & Specification



Type of Seals & Specification

SEAL NAME	STRAP SIZE		SEAL TYPE	JOINT TYPE
	Inch	mm		
12 AMP	1/2	12.70	Nestack	Double Notch
12 C			Snap on	Double Notch
12 SPC			Push	Single Reverse Notch
58 AMP	5/8	15.88	Nestack	Double Notch
58 C			Snap on	Double Notch
58 SPC			Push	Single Reverse Notch
34 C	3/4	19.05	Snap on	Double Notch
34 PNSC			Push	Single Notch
34 AMP			Nestack	Double Notch
34 HOC			Push	Double Notch
114 P	1 1/4	31.75	Push	Double Notch
114 OF			Open Flange	Double Notch
117 H			Open Flange	Double Crimp / Notch

Specification Chart Medium Carbon Superflex Steel Strapping

Size	Width mm	Thick mm	Break Load	UTS Kg/mm ²	Bend	Elongation (150mmGL)	Winding	Yield (M/Kg)
5820	15.88	0.51	746	92.0	2	5% min	Mill	15.9
5823	15.88	0.58	848	92.0	2	5% min	Mill	13.8
3420	19.05	0.51	894	92.0	2	5% min	Mill	13.2
3423	19.05	0.58	1017	92.0	2	5% min	Mill	11.5
3425	19.05	0.64	1122	92.0	2	5% min	Mill	10.6
3431	19.05	0.79	1385	92.0	2	6.5% min	Mill	8.5
3435	19.05	0.89	1560	92.0	2	6.5% min	Mill	7.5
1025	25.04	0.64	1496	92.0	2	6.5% min	Ribbon	7.8
1031	25.04	0.79	1846	92.0	2	6.5% min	Ribbon	6.3
1425	31.75	0.64	1870	92.0	2	5% min	Ribbon	6.4
1431	31.75	0.79	2308	92.0	2	6.5% min	Ribbon	5.1
1435	31.75	0.89	2600	92.0	2	6.5% min	Ribbon	4.6
1440	31.75	1.04	3038	92.0	2	9.0% min	Ribbon	3.9
1450	31.75	1.27	3710	92.0	2	9.0% min	Ribbon	3.2



Manual Tools for Steel Strap

Tensioner

Model SKL

Heavy Duty Rack & Pinion Pusher tensioner
Strap Gauge Range (0.58mm to 0.79mm)
Strap Width Range (5/8" to 1 1/4")



Tensioner

Heavy Duty Feedwheel Pusher Tensioner
Strap Thickness : (0.58mm to 0.79mm)
Strap Width : (5/8" to 1 1/4")



Side Action Heavy Duty Sealer

Double Notch, Up Cut. Side Action
Strap Thickness (0.64mm to 0.89mm)
Strap Size 19/25/32



H 300

Steel Strap Cutters upto 2" x0.89mm".
High Carbon Steel Drop forged.



Strap Cutter

Model : H-400

Heavy Duty Steel Strapping Cutters upto 2" x.1.30mm"
High Carbon Steel Drop forged. The Top Cutter
Blade Can be Reversed when worn
with Replaceable Cutter Blade



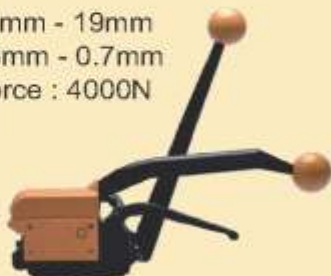
Heavy Duty Steel Strap & Polyester Strap Dispenser For Mill Wound & Ribbon Wound Coils



Sealless Combination Tool

Model : A333

Strap Width : 13mm - 19mm
Thickness : 0.38mm - 0.7mm
Max. Tension Force : 4000N
Joint : Sealless
Weight : 4kg



Sealless Combination Tool

Model : M4K-12

Strap Width : 13mm - 19mm
Thickness : 0.4mm - 0.80mm
Max. Tension Force : 6000N
Joint : Sealless
Weight : 3.8kg



Sealless Joint

Pneumatic Tools for Steel Strapping

Tensioner Model KT-32L

Steel Strap	: (19-32)mm*(0.8-1.2)mm
Air Pressure	: 5-7kgs
Tension Speed	: 5.0m/minute
Tension	: $\geq 9.8\text{kn}/0.6\text{mpa}$
Weight	: 4.3kg

with Tension Holding Mechanism



Tensioner Model FTL

Steel Strap	: (19-32)mm*(0.8-1.2)mm
Air Pressure	: 4-5.5kgs
Tension Speed	: 85mm/sec
Tension	: 8.5KN
Weight	: 4.1kg



Tensioner Model KZL-32

Steel Straps	: (19-32)mm*(0.8-1.2)mm
Air Pressure	: 5-7kgs
Tension Speed	: 5.3m/minute
Tension	: $\geq 9.8\text{KN}/0.6\text{mpa}$
Weight	: 4.8kg



Sealer Model FTS-19/25/32

Steel Straps	: 32/25/19*(0.8-1.2)mm
Air Pressure	: 4-6kgs
Sealing	: Single Notch
Joint Tensile	: $\geq 16.8\text{KN}$
Weight	: 3.2kg



Model KZ-32/19/25G

Steel Straps	: 32mm*(0.8-1.2)mm
Air Pressure	: 0.35-0.6mpa
Tension	: $\geq 9.8\text{KN}/0.6\text{mpa}$
Notch	: double
Joint Tensile Strength	: $\geq 18.4\text{KN}$
Weight	: 15KG

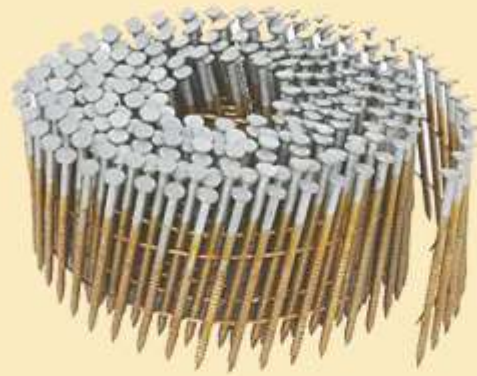


Model KZ-19/16/13

Steel Straps	: 13/16/19mm *(0.38-0.8)mm
Air Pressure	: 0.42-0.6Mpa
Tension Speed	: 5.5m/minute
Tension	: $\geq 4.9\text{KN}/0.6\text{mpa}$
Notch	: Single
Joint Tensile Strength	: $\geq 6.3\text{KN}$
Weight	: 5kg



Pneumatic Coil Nailers & Nails



Nailer Technical Specification

Model	Nailer Wt.	Operating Pressure (kg/cm.sq.)	Nail Length (Min. - Max.)
F-48 C CN 15 W -55	2.9 kgs	5 - 8 kgs	1" - 2 ¼"
F-58 CN 15W-70	3.3 kgs	5 - 8 kgs	1 ¾" - 2 ¾"
F6C CN 15W-90B	3.7 kgs	5 - 8 kgs	1 ¾" - 3 ½"

Nails Specification

S.No.	Shank Dia	Leg Length	Std. Packing
1.	2.1mm	x 25mm 1"	350Nails/Coils ; 40 Coils/Cartron
2.	2.1mm	x 32mm 1-¼"	350Nails/Coils ; 40 Coils/Cartron
3.	2.1mm	x 38mm 1-½"	350Nails/Coils ; 40 Coils/Cartron
4.	2.1mm	x 45mm 1-¾"	350Nails/Coils ; 40 Coils/Cartron
5.	2.3mm	x 45mm 1-¾"	300Nails/Coils ; 30 Coils/Cartron
6.	2.3mm	x 50mm 2"	300Nails/Coils ; 30 Coils/Cartron
7.	2.3mm	x 57mm 2-¼"	300Nails/Coils ; 30 Coils/Cartron
8.	2.5mm	x 50mm 2"	300Nails/Coils ; 30 Coils/Cartron
9.	2.5mm	x 57mm 2-¼"	300Nails/Coils ; 30 Coils/Cartron
10.	2.5mm	x 65mm 2-½"	300Nails/Coils ; 20 Coils/Cartron
11.	2.8mm	x 65mm 2-½"	250Nails/Coils ; 20 Coils/Cartron
12.	2.8mm	x 70mm 2-¾"	250Nails/Coils ; 20 Coils/Cartron
13.	2.8mm	x 75mm 3"	250Nails/Coils ; 20 Coils/Cartron
14.	2.8mm	x 80mm 3-¼"	250Nails/Coils ; 20 Coils/Cartron
15.	2.8mm	x 90mm 3-½"	250Nails/Coils ; 20 Coils/Cartron
16.	3.1mm	x 90mm 3-½"	200Nails/Coils ; 20 Coils/Cartron
17.	3.5mm	x 100mm 4"	150Nails/Coils ; 10 Coils/Cartron
18.	3.5mm	x 115mm 4-¼"	150Nails/Coils ; 10 Coils/Cartron
19.	3.5mm	x 125mm 5"	150Nails/Coils ; 10 Coils/Cartron
20.	3.8mm	x 115mm 4-¼"	150Nails/Coils ; 10 Coils/Cartron
21.	3.8mm	x 130mm 5.25"	25 Nails/Strip ; 72 Coils/Strips
22.	4.6mm	x 160mm 6.5"	20 Nails/Strip ; 50 Coils/Strips

Pneumatic Carton Stapler



FA 35-15 / 18
FA 35-18 / 22

* Screw/Ring Shank Nails also Available

FEATURES AND BENEFITS

- ❖ Simple, rugged design for consistent performance in high usage
- ❖ Light and balanced
- ❖ Adjustable Clinch
- ❖ Adjustable Penetration
- ❖ Trouble-free maintenance

Tool	Crown	Wire	Length	Tool Weight	Pressure
FA 35-15/18	35mm	.035" x .090"	16mm & 18mm	4.18 lbs	60-100 psi
FA 35-18/22	35mm	.035" x .090"	18mm & 22mm	4.18 lbs	60-100 psi

POLYPROPYLENE / PET STRAP / STRETCH FILM



POLYPROPYLENE (PP) STRAP

Model		PP STRAP
Straps Size	Width	5-15 mm
	Thickness	0.5-0.75mm
Applications		Semi Automatic Machines Automatic Machines
Roll Weight		6-9Kg



POLYESTER (PET) STRAP

Model		PET STRAP
Straps Size	Width	12-32 mm
	Thickness	0.6-1.35mm
Applications		Pneumatic Tools Battery Operated Tools
Roll Weight		20Kg Net.
Strap Break Load		260-1600kg

STRETCH FILM



Model		STRETCH FILM
Stretch Film Size	Width	50-600 mm
	Thickness	9-70micron
Applications		Manual Usage Box Wrapping Machines Pallet Wrapping Machines

PLASTIC PROTECTIVE SLEEVE / PP SHEET / ANGLE BOARD



PLASTIC PROTECTIVE SLEEVE

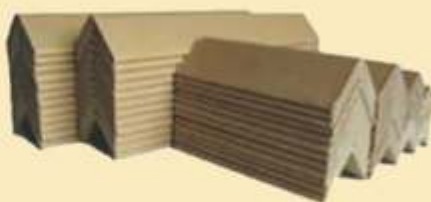
S. No.	Products Descriptions	Color	Unit	Weight\Meter in grams	Suitable Range
1.	PS 5-10	RED	MM	11-13	5MM-10MM Diameter
2.	PS 10-15	RED	MM	13	10MM-15MM Diameter
3.	PS 15-30	RED	MM	15	15MM-30MM Diameter
4.	PS30-40	ORANGE	MM	22/28	30MM-40MM Diameter
5.	PS 40-50	JUTE BROWN	MM	40	40MM-50MM Diameter

1. Rolls Length - 25m
2. Applications for Auto Industries & Fastener Manufacturer
3. Inhouse machining center state of art technology of tool making

CORRUGATED PP SHEET



Model		PP SHEET
Sheet Size	Width	4-6 ft & etc
	Thickness	3-5mm & etc
Applications		Packaging
		PP Corrugated Box
GSM		300 & etc



ANGLE BOARD/CORNER PROTECTIONS

Specification	
Leg Length (mm)	Thickness (mm)
25 x 25	2 - 6
35 x 35	2 - 6
40 x 40	2 - 6
50 x 50	2 - 6
65 x 65	2 - 6
75 x 75	2 - 6
100 x 100	3 - 8