



LEGION EXIM

AN ISO 9001:2015 CERTIFIED COMPANY

PET
Straps

PP
Straps

PACKAGING
Tools



CRAFT PERFECTION IN PACKAGING

PRODUCT CATALOGUE
**PET/PP STRAPS &
PACKAGING TOOLS**

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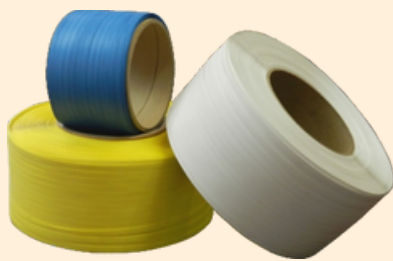
PET straps



Plain & Embossed

Width mm	Thickness mm	Gm/Mtr.	Break Strength (Kgf)	Elongation %	Length per 25kg
09.00	0.50	6.03	180	10-16	4145
10.50	0.50	7.04	221	10-16	3554
11.00	0.50	7.37	231	10-16	3392
12.00	0.50	8.04	252	10-16	3109
12.00	0.60	9.65	302	10-16	2591
12.50	0.70	11.73	368	10-16	2132
13.00	0.60	10.45	328	10-16	2392
15.00	0.70	14.07	452	10-16	1777
15.50	0.76	15.79	507	10-16	1584
15.50	0.90	18.69	600	10-20	1337
16.00	0.90	19.30	619	10-20	1296
16.00	1.00	21.44	688	10-20	1166
19.05	1.00	25.46	817	10-20	982
19.05	1.27	32.42	1040	10-20	750
25.00	1.00	33.50	1090	10-20	750
25.00	1.27	44.00	1350	10-20	600

PP straps



Width mm	Break Strength (Kgf)	Elongation %	Roll Length (meter)
9	70-80	18-25	2000
9	80-85	18-25	2000
12	80-85	18-25	2000
12	100-105	18-25	2000
12	110-115	18-25	2000
15	115-125	18-25	1000
15	155-160	18-25	1000
18	170-180	18-25	1500



PNEUMATIC TOOLS

POLI WELDING



Flat & Round Surfaces Pneumatic Strapping Tool Friction Weld Seal

Technical Data

Strap Quality	PP / PET
Joint Type	Friction Weld Seal
Package Type	Flat/Round suitable for strapping fibre bales using press sistem
Strap Width	10-13-16-19 mm / 3/8" - 1/2" - 5/8" - 3/4"
Strap Thickness	from 0.4 up to 1.27mm / 0.016" - 0.050"
Max Tension	only for welding strapping tool
Air Pressure	from 5.5 up to 6.5 bar max / 78 - 92 PSI
Air consumption	14 l/s welding / 29 cuft / min
Weight	around 2.3 kgs / 5.04 lbs

POLI 13-19-25 LT | MT | HT



Flat & Round Surfaces Pneumatic Strapping Tool Friction Weld Seal

Technical Data

Strap Quality	PP / PET
Joint Type	Friction Weld Seal
Package Type	Flat/Round (min. diameter 700mm / 28") opt. round pack. base kit min. 500mm / 20"
Strap Width	13-19-25 mm
Strap Thickness	from 0.6mm up to 1.27mm / 0.024" - 0.050"
Max Tension	5000 N - 1100 lbs (adj. by clutch system-opt.)
Max Tension Speed	around 9 mtr./min. - 30 ft./min.
Air Pressure	from 5.5 up to 6.5 bar max / 78 - 92 PSI
Air Consumption	12 l/s tension - 14 l/s welding / 29 cuft/min.
Weight	around 5.2 kgs / 11.4 lbs

MS-19



Pneumatic Tool with Sealing & Cuttings

Technical Data

Strap Quality	PP / PET
Joint Type	Friction Weld Seal
Package Type	Flat/Round Surface
Strap Width	13-19 mm
Strap Thickness	0.5mm up to 1.27mm
Max Tension	only for welding strapping tool
Air Pressure	from 5.0 up to 7.0 bar max / 72 - 100 PSI
Air consumption	14 l/s welding / 29 cuft / min
Weight	around 2.0 kgs / 4.04 lbs

MST-19



Pneumatic Tool with
Tensioning, Sealing & Cutting

Technical Data

Strap Quality	PP / PET
Joint Type	Friction Weld Seal
Package Type	Flat / Round Surface
Strap Width	13-19mm
Strap Thickness	from 0.5 up to 1.5 mm
Max Tension	2700 N
Air Pressure	0.5 - 0.7 Mpa (72-100 psi)
Cutter	Heavy Duty for 0.5 - 1.5mm
Weight	3.8 kgs

STSR

19 | 25 | 32



Flat & Round Surfaces Pneumatic
Strapping Tool for Steel Strap with Seal

Technical Data

Strap Quality	Standard High Tensile Rmax. 1100mm ²
Joint Type	Seal - Double Notches
Package Type	Flat & Round Surfaces
Seal Type	overlap min. 45 mm length (1.75")
Strap Width	19-25-32mm / 3/4" - 1" - 1 1/4"
Standard Strap Thickness	from 0.6 up to 1mm / 0.024" - 0.039"
High Tensile Strap Thickness	from 0.63 up to 0.8mm / 0.025" - 0.031"
Max Tension	9000 N / 2000 lbs
Max Tension Speed	Around 6mt/min - 20 ft/min
Air Pressure	from 5.5 up to 6.5 bar max / 78 - 92 psi
Air Consumption	12 l/s - 25 cu ft / min
Weight	Around 10 kgs / 22 lbs

STTR

19 | 25 | 32



Flat & Round Surfaces Pneumatic
Tensioner for Steel Strap with Seal

Technical Data

Strap Quality	Standard High Tensile Rmax. 1100mm ²
Package Type	Flat & Round Surfaces
Strap Width	19-25-32mm / 3/4" - 1" - 1 1/4"
Strap Thickness	from 0.6 up to 1.1mm / 0.024" - 0.043"
Max Tension	Around 9000N - 2000 lbs
Max Tension Speed	Around 6mt/min. - 20ft/min.
Air Pressure	from 5 up to 6.5 bar max / 72 - 92 PSI
Air Consumption	12 l/s - 25 cu ft/min.
Weight	Around 4.2 kgs / 9.2 lbs

MANUAL TOOLS

STTMR

19 | 25 | 32

Flat & Round Surfaces manual
Tensioner for Steel Strap with Seal



STPM

19 | 25 | 32

Flat & Round Surfaces manual
Sealer for Steel Strap with Seal



ST-IMA

13 | 16 | 19

Flat Surface manual Sealless
Strapping Tool for Steel Strap



SEALER & TENSIONER

12 | 15 | 16



BATTERY TOOLS

DIGIT SMART LXT

10 | 12 | 16



A compact and easy to use digital battery operated smart strapping tools, for PP and PET straps of 10 to 16 mm strap widths

Technical Data

Strap Quality	PP / PET
Joint Type	Friction Weld Seal
Package Type	Flat Surface min. Length 120mm
Shape	Round Surface min. diameter 700mm
Strap Width	10-16 mm
Strap Thickness	from 0.5 up to 1.0 mm (PET) and from 0.5 up to 1.0 mm (PP)
Max Tension	2300 N
Max Tension Speed	approx. 12 m/min.
Battery Type / Charge Time	Li-Ion Battery 14.4 V, 3.0 Ah / approx. 20min.
Weight	3.8 kgs (battery included)