

The universal strapping tool for PET and PP strapping

The excellent mechanical features of Polyester strapping often allows the substitution of the traditional steel strapping used in many industries. The outstanding elongation of PET strapping offers a high shock absorption capacity during transportation as well as during handling of the goods. Used in combination with our new plastic strapping tool, model P355, Polyester strapping up to 16.0 mm⁵/₈" width and 1.05 mm/.041 " thickness can be applied. A high seal efficiency is guaranteed depending on the quality of the strapping, tension up to 2100 N can be reached.



Characteristics

Strapping qualities:	Polypropylene (PP) and Polyester (PET)	
Strapping dimensions:	widths	10.0 – 16.0 mm / 3/8 – 5/8"
	thicknesses	0.40 – 1.05 mm / .016 - .041"
Tool sizes:	Without suspension bracket	With suspension bracket
	Length	305 mm / 12" 356 mm / 14"
	Width	104 mm / 4.1" 104 mm / 4.1"
	Height	151 mm / 6" 252 mm / 9.9"
Weight:	4.75 kg / 10.5 lbs	
Suitable strap qualities:	Polypropylene (PP) and Polyester (PET) plain and embossed	
Average seal strength:	approx. 75% of strap breaking strength (dependent on strap quality)	
Sealing method:	Friction weld seal	
Tension:	400 - 2100 N / 90 - 470 lbs, adjustable (max. tension is dependent on strap quality)	
Tension speed:	approx. 250 mm / s / 10 inch / s (dependent on strap quality)	
Air consumption:	Tensioning	approx. 8NI/0.30 cu.ft per second (when motor is running)
	Sealing	approx. 4 - 20 NI/0.15 - 0.75 cu.ft per seal (~ 8 NI per second)
Max. air pressure:	6.0 bar / 87 psi	
Working pressure:	5.5 bar / 80 psi	

Advantages

- Easy strap threading – both straps are inserted together
- Sealing time, strap tension and tensioning speed are adjustable – which guarantees a high sealing efficiency, appropriately tensioned straps, resulting in perfectly secured packages
- Adjustable strap thickness allows an individual setting for the specific strap quality in use
- Pneumatically powered, very reliable and maintenance-friendly
- The compressed air can be connected to the tool either on top of the main housing or at the rear end of the main handle
- Suitable for multiple applications due to the use of the universal suspension bracket, available as accessory
- For packages with a rough and hard surface, a bottom-base wearing protection plate is available as accessory
- This tool is ideal for a wide variety of vertical and horizontal strapping positions, suitable for almost all applications in various industries

Chart of types model P355

Item No.	Model	Strap widths		Strap thicknesses		Max. Tension		Tension speed	
		mm	inch	mm	inch	N	lbs	mm/sec.	inch/sec.
49.0301	P355/10/0.64	10.0	3/8"	0.40-0.64	.016-.025	2100	470	250	10
49.0302	P355/10/1.05	10.0	3/8"	0.65-1.05	.025-.041	2100	470	250	10
49.0311	P355/11.1/0.64	11.1	7/16"	0.40-0.64	.016-.025	2100	470	250	10
49.0312	P355/11.1/1.05	11.1	7/16"	0.65-1.05	.025-.041	2100	470	250	10
49.0321	P355/12/0.64	12.0		0.40-0.64	.016-.025	2100	470	250	10
49.0322	P355/12/1.05	12.0		0.65-1.05	.025-.041	2100	470	250	10
49.0323	P355/12.7/0.64	12.7	1/2"	0.40-0.64	.016-.025	2100	470	250	10
49.0324	P355/12.7/1.05	12.7	1/2"	0.65-1.05	.025-.041	2100	470	250	10
49.0331	P355/13/0.64	13.0		0.40-0.64	.016-.025	2100	470	250	10
49.0332	P355/13/1.05	13.0		0.65-1.05	.025-.041	2100	470	250	10
49.0351	P355/15/0.64	15.0		0.40-0.64	.016-.025	2100	470	250	10
49.0352	P355/15/1.05	15.0		0.65-1.05	.025-.041	2100	470	250	10
49.0353	P355/15.5/0.64	15.5		0.40-0.64	.016-.025	2100	470	250	10
49.0354	P355/15.5/1.05	15.5		0.65-1.05	.025-.041	2100	470	250	10
49.0361	P355/16/0.64	16	5/8"	0.40-0.64	.016-.025	2100	470	250	10
49.0362	P355/16/1.05	16	5/8"	0.65-1.05	.025-.041	2100	470	250	10

Accessories

- P32.0111 Bottom-base wearing protection plate
- P35.0125 Universal suspension bracket for vertical as well as horizontal strapping positions