

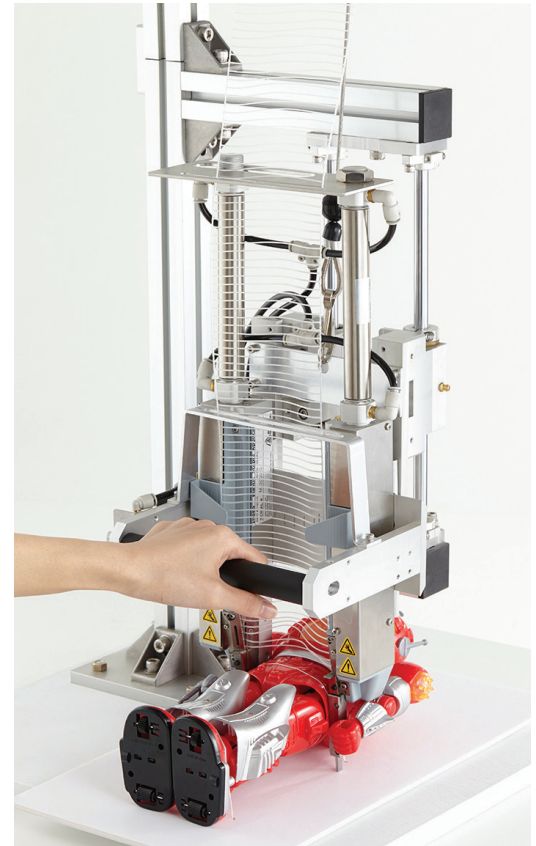
Flexibility for a Variety of Packaging Options

The unique design of the Avery Dennison® IndES® Elastic Staple® System secures items to flat card surfaces or multi-level card packaging designs. With fastener lengths ranging from 15mm to 200mm and tensile grades ranging from standard to heavy duty, these pliable staples stretch to a wide variety of product shapes and sizes. This flexible system can be used as a stand-alone unit or integrated into automated high volume packaging lines to position and securely hold products on a backing card or within a package, such as:

- Toys
- Socks
- Jewelry
- DIY tools
- Home textiles
- Kitchen utensils
- Sporting goods accessories

The IndES® Elastic Staple® System helps reduce overall packaging and associated costs while improving productivity compared to using:

- Clam shells
- Cable ties
- Blister packs
- Twist ties



Faster Packaging for Greater Productivity

Replacing conventional manual packaging methods with the Avery Dennison® IndES® Elastic Staple® System can:

- Decrease downtime by reducing time and steps in packaging production
- Reduce operator workload
- Reduce material costs

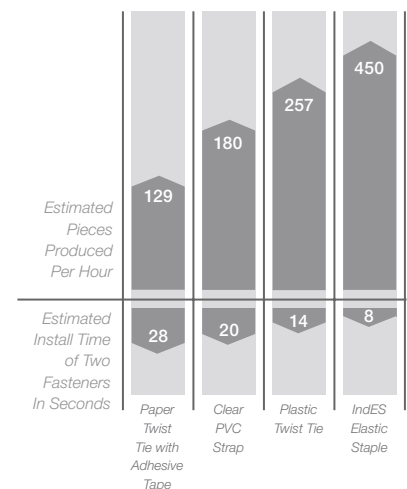
Elevates the Consumer's Experience

Reduced packaging creates a better view of the product, increasing overall shelf appeal and providing a positive consumer experience both before and after the sale through:

- Improved visuals of the product at the point-of-sale
- Increased customer interaction with the product, which remains securely packaged
- Faster, easier and safer removal of the product

Sustainable Packaging

Water and energy use, solid waste production and CO2 emissions are reduced when compared to conventional packaging methods such as plastic cable ties and paper twist ties. Using the IndES® elastic staples can eliminate excess packaging and reduce the amount of materials being transported.

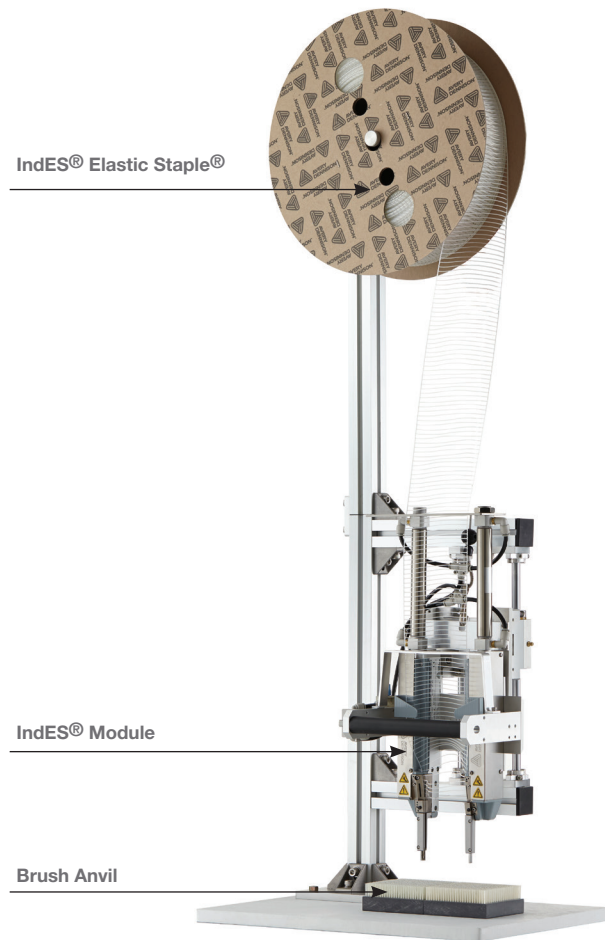


PACKAGING METHODS

Estimates based on internal testing. Application of two fasteners to attach a product to a backing card.

Technical Specifications

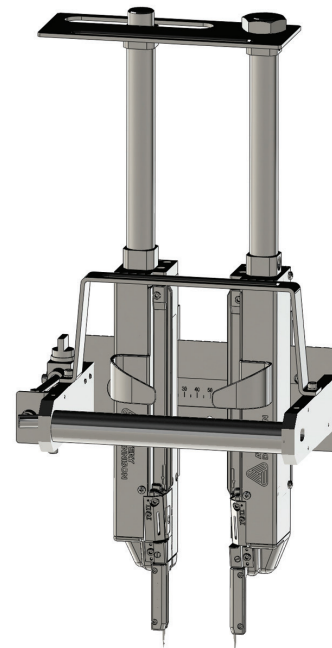
IndES® Elastic Staple® System



The IndES® Elastic Staple® System has an adjustable feature that allows the operator to apply a single staple or double staple in a single actuation.

Avery Dennison also offers a Reinforced Backing Solution™ as an additional option for fastening bulky or heavy weight products when using the IndES® Elastic Staple® System.

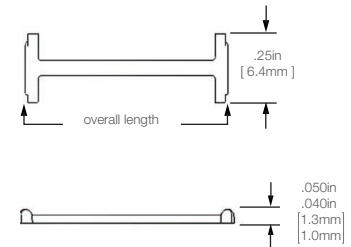
IndES® Elastic Staple® Module



IndES® Module with Handle Part# 11601-0	
Gross Weight	5.7kg (12.6lbs)
Overall Dimensions	54cm x 27.2cm x 18.6 cm (21.29" x 10.7" x 7.32")
Operating Pressure	0.28MPi (40 psi) – 0.55MPi (80 psi)
Cycle Speed	0.6 seconds
*Min. Needle Spacing	12.7mm (.50")
*Max. Needle Spacing	160mm (6.30")

Reinforced Backing Solution™ (Optional)	
Part #	Description
11608-0	Module Set only
11607-0	Full Solution

Part # Natural	Part # Black	Elastic Staple® Type	Overall Length		*Minimum Elongation	
			MM	INCH	MM	INCH
11625-0	11645-0	Standard	15	1/2	25.4	1.00
11626-0	11646-0	Standard	19	3/4	25.4	1.00
11627-0	11647-0	Standard	25	1	44.5	1.75
11628-0	11648-0	Standard	30	1-3/16	44.5	1.75
11629-0	11649-0	Standard	33	1-1/4	44.5	1.75
11630-0	11650-0	Standard	37	1-1/2	44.5	1.75
11631-0	11651-0	Standard	41	1-5/8	44.5	1.75
11632-0	11652-0	Standard	44	1-3/4	82.5	3.25
11633-0	11653-0	Standard	50	2	82.5	3.25
11634-0	11654-0	Standard	54	2-1/8	82.5	3.25
11635-0	11655-0	Standard	58	2-1/4	82.5	3.25
11636-0	11656-0	Standard	64	2-1/2	101.5	4.00
11637-0	11657-0	Standard	68	2-5/8	101.5	4.00
11638-0	11658-0	Standard	73	2-7/8	101.5	4.00
11639-0	11659-0	Standard	75	2-15/16	101.5	4.00
11640-0	11660-0	Standard	80	3-1/8	101.5	4.00
11641-0	11661-0	Standard	85	3-3/8	190.5	7.50
11642-0	11662-0	Standard	90	3-1/2	190.5	7.50
11643-0	11663-0	Standard	95	3 - 3/4	190.5	7.50
11644-0	11664-0	Standard	100	3 - 15/16	190.5	7.50
11685-0	11690-0	Standard	110	4 - 5/16	190.5	7.50
11686-0	11691-0	Standard	120	4 -3/4	190.5	7.50
11687-0	11692-0	Standard	130	5 - 1/8	190.5	7.50
11688-0	11693-0	Standard	140	5 -1/2	190.5	7.50
11689-0	11694-0	Standard	150	5 -7/8	190.5	7.50
11710-0		Standard	165	6 - 1/2	220	8.66
11711-0		Standard	180	7 - 3/16	220	8.66
11712-0		Standard	200	7 - 7/8	220	8.66
11720-0	11730-0	Heavy Duty	25	1	44.5	1.75
11721-0	11731-0	Heavy Duty	37	1-1/2	44.5	1.75
11722-0	11732-0	Heavy Duty	45	1-3/4	82.5	3.25
11723-0	11733-0	Heavy Duty	54	2-3/16	82.5	3.25
11724-0	11734-0	Heavy Duty	64	2-9/16	101.5	4.00
11725-0	11735-0	Heavy Duty	75	2-15/16	101.5	4.00
11726-0	11736-0	Heavy Duty	90	3 - 9/16	190.5	7.50
11727-0	11737-0	Heavy Duty	100	3 - 15/16	190.5	7.50
11728-0	11738-0	Heavy Duty	150	5 -7/8	190.5	7.50
11729-0	11739-0	Heavy Duty	200	7 - 7/8	220.0	8.66



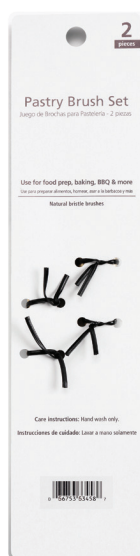
Elastic Staple®	
Standard Staple Tensile Strength:	5.0 lbf Minimum (2.27kg)
Heavy Duty Staple Tensile Strength:	6.0 lbf Minimum (2.72kg)
Material:	Polyurethane
Weight:	0.026min/0.077max grams
Package:	10,000 Per Reel
Staple Temperature Range	60°C (140°F) to -26°C (-15°F)
Standard Staple Application Machine(s):	11600 IndES® Module (All staple sizes) 10790, VNS & 10797, SNS (All sizes except 85mm - 100mm)
Heavy Duty Staple Application Machine(s):	11601, 11606 IndES® Module (All staple sizes) 11603 IndES® Hosiery Benchmount (All staple sizes)

IndES® Needles and Accessories	
Part #	Description
11606-0	IndES® module without handle
11616-0	Spring Mounting Stand
11618-0	Non Tapered Needle
11619-0	Tapered Needle
10751-0	Brush Anvil 102mm x 102mm, 4" x 4"
11610-0	APU Benchtop Unit
11623-0	Adjustable Needle Spacing Kit
11609-0	Heavy Duty 101mm Needle
11621-0	Hosiery Needle

Secure and Attractive Packaging

The strong pliable staples stretch to a wide variety of product shapes and sizes. Unlike cable ties or twist ties, elastic staples are thin and enable a clean appearance of the product when secured to the packaging.

While gains in production efficiency can be realized, the most important advantage of using the IndES IndES® Elastic Staple® is at the point-of-sale. Consumers can easily read the product information and messages typically displayed on the back of a card. Here's a comparison of packaging using conventional twist ties versus the same packaging using the IndES® Elastic Staple® system.



Fastening with Conventional Twist Ties

Fastening with IndES® Elastic Staple®

Elevating Brands, Accelerating Performance

For more information visit fastener.averydennison.com, call or email us at fastener@averydennison.com.

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