

3M-Matic™ Case Sealers

Your Best Case Scenario



3M Innovation

3M-MATIC™ CASE SEALER SELECTION PROCESS



700a

Uniform Box Sizes, Top & Bottom Belt Drive



200a

Uniform Box Sizes
Price Sensitive
Bottom Belt Drive



800a

Uniform Box Sizes
Narrow Boxes
Side Belt Drive



800af

Uniform Box Sizes
Top Flap Folding
Side Belt Drive



700r

Random Box Sizes
Top & Bottom
Belt Drive



800rf

Random Box Sizes
Top Flap Folding
Side Belt Drive



100a

Uniform Box Sizes
Very Price Sensitive
Bottom Belt Drive



120a

Uniform Box Sizes
Narrow Boxes
Price Sensitive
Side Belt Drive



120af

Uniform Box Sizes
Price Sensitive
Top Flap Folding
Side Belt Drive



700rks

Random Box Sizes
Large Boxes
3" Wide Tape
Top & Bottom
Belt Drive



1400rf

Random Box Sizes
Top Flap Folding
Higher Speed
Lug Drive



700aks

Uniform Box Sizes
Large Boxes
3" Wide Tape
Top & Bottom Belt Drive



800r

Random Box Sizes
Narrow Boxes
Side Belt Drive



800asb


Uniform Box Sizes
Small Boxes
Side Belt Drive



800rks

Large Box Sizes
3" Wide Tape
Upper & Lower
Side Belt Drive

 Bottom Belt Drive

 Side Belt Drive

Lug Drive 

Top & Bottom
Belt Drive 

FROM SEMI-AUTOMATIC TO RANDOM AUTOMATIC, 3M IS THE LEADER IN ANY CASE.

3M offers a full line of case sealers that can improve productivity and reduce operating expenses at the end of your packaging line — the most expensive place in your plant for bottlenecks. With everything from semi-automatic adjustable systems, to fully-automatic random systems, our 3M-Matic™ case sealers are consistent and durable, require low maintenance and help your case sealing operations run reliably. Each model features our advanced, patented, low-impact AccuGlide™ II Taping Head with its curvilinear track, ensuring that even lightweight corrugated cases are securely and carefully sealed with Scotch® box sealing tape. 3M-Matic case sealers can also help increase plant safety, reduce labor costs, and decrease downtime because of the equipment's extensive safety features and improved processes versus hand taping or stapling, or using older equipment.

In short, you can expect a safer, more efficient, more productive operation when 3M is on the case.

3M: THE TOTAL PACKAGE.

3M is the U.S. market leader in both packaging tape and case sealing equipment offering the largest distribution network. We have been helping customers automate their case sealing operations for more than 35 years, with over 60,000 3M-Matic case sealers currently installed. In addition, Scotch® box sealing tape delivers convenience and dependability every time you use it. And because 3M is an \$18 billion global diversified technology company with leadership positions in many businesses, we can meet your needs on a global basis — with one partner for total packaging line automation and box sealing. What's more, our 3M-Matic helpline offers trained staff technicians to help resolve equipment-related issues and keep your operation productive. Our Spare Parts Operation stocks over 5,000 parts at the 3M Tape Dispenser Parts Facility to help maximize your equipment uptime. So whatever your case sealing needs, you can count on 3M to help you make your best case.

For more than 35 years, 3M has delivered industry leading case sealing equipment, continuous innovation in case sealing technology, and unsurpassed expertise in total end-of-line packaging solutions.



MANUALLY ADJUSTABLE, SEMI-AUTOMATIC

3M-MATIC™ CASE SEALER 100A BOTTOM BELT DRIVE



Designed for lighter-duty case sealing operations, the semi-automatic 100a is user-friendly and compact; yet, at up to 30 cases per minute, it's fast enough for many single-shift operations. It's easily adjustable for different size case runs. Features of the 3M-Matic Bottom Drive Belt Case Sealer 100a include 3M's advanced, low-impact AccuGlide™ II taping heads with curvilinear tracks; dual masts for extra stability and uniform height adjustment; a height adjustment crank; adjustable side guides; and a sturdy bottom belt drive mechanism with easy-to-install laced replacement belts.

SPECIFICATIONS

Box Size:	Min	Max
Length	6" [150 mm]	No limit
Width	6" [150 mm]	21.5" [545 mm]
Height	4.75" [120 mm]	21.5" [545 mm]
Weight (filled)	5 lbs. [3 kg]	65 lbs. [30 kg]

Tape Width: 36mm minimum to 48 mm maximum.

Machine Operating Rate: Up to 30 boxes per minute depending on box length.

3M-MATIC™ CASE SEALER 200A BOTTOM BELT DRIVE



The 200a is a durable, dependable way to meet basic case sealing needs. It seals up to 30 cases per minute and features a gearmotor drive for heavy duty performance, plus quick box height/width adjustment for added versatility. Other features include 3M's patented AccuGlide™ II taping heads; a unique alternate outboard tape roll mount for the lower head; compression rollers that position each box for precise tape sealing; friction brake tape roll drums; easy-to-install laced replacement belts; and dual masts with twin lead screws for extra stability and to allow for uniform height adjustment.

SPECIFICATIONS

Box Size:	Min	Max
Length	6" [150 mm]	No limit
Width	6" [150 mm]	21.5" [545 mm]
Height	4.75" [120 mm]	24.5" [620 mm]
Weight	5 lbs. [3 kg]	85 lbs. [38 kg]

Tape Width: 36 mm minimum to 48 mm maximum.

Machine Operating Rate: Up to 30 boxes per minute depending on box length.

3M-MATIC™ CASE SEALER 700A TOP AND BOTTOM BELT DRIVE

The advanced features of the 700a make sealing of uniform size regular slotted containers fast, precise and productive. A unique upper and lower drive system using four belts positively conveys cases at up to 30 per minute. Manual adjustments for various case sizes can be made quickly and easily. The 700a also features patented AccuGlide™ II taping heads; dual masts with twin lead screws; a gearmotor drive for heavy duty performance; compression rollers that position each box for precise tape sealing; frame mounted upper tape roll bracket for easier tape mounting; friction brake tape roll drums; an easy-to-reach alternate outboard tape roll mount for the lower head; and easy-to-install laced replacement belts.

SPECIFICATIONS

Box Size:	Min	Max
Length	6" [150 mm]	No limit
Width	6" [150 mm]	21.5" [545 mm]
Height	4.75" [120 mm]	24.5" [620 mm]
Weight	—	85 lbs. [38 kg]

Tape Width: 36 mm minimum to 48 mm maximum.

Machine Operating rate: Up to 30 boxes per minute depending on box length.



3M-MATIC™ CASE SEALER 700AKS TOP AND BOTTOM BELT DRIVE

The 3M-Matic 700aks is especially designed for sealing larger size RSCs such as those used in the appliance, electronics and bedding industries on production lines running uniform case sizes. It seals up to 30 cases per minute, quickly and precisely. Dual masts with twin lead screws provide extra stability and allow for uniform height adjustment. Standard features include patented AccuGlide™ II taping heads; two 1/4 HP gearmotor drives for heavy duty performance; unique upper and lower drive system that uses four belts; compression rollers that push together the upper flaps for precise tape sealing; friction brake tape roll drums; an easy-to-reach alternate outboard tape roll mount for the lower head; and easy-to-install laced replacement belts.

SPECIFICATIONS

Box Size:	Min	Max
Length	6" [150 mm]	No limit
Width	7" [175 mm]	25.5" [650 mm]
Height		
Standard mast position	4.75" [120 mm]	25.5" [650 mm]
High mast position	15.25" [390 mm]	36" [915 mm]
Weight	—	85 lbs. [38 kg]

Tape Width: 48 mm minimum to 72 mm maximum.

Machine Operating Rate: Up to 30 boxes per minute depending on box length.



3M-MATIC™ CASE SEALER 120A SIDE BELT DRIVE



Designed for sealing lightweight narrow cases at up to 25 cases per minute, the side belt adjustable case sealer 120a has quick height and width adjustment for greater productivity. The AccuGlide™ II taping head provides low-impact tape application. The case sealer is compact for tight work areas. Dual masts with twin lead screws provide extra stability and allow uniform height adjustment. Friction brake drums prevent tape overrun and provide more consistent tape application.

Features include a centrally located emergency OFF button, controls located left (standard) or right, and a 90-day warranty on belts and taping.

SPECIFICATIONS

Box Size:	Min	Max
Length	6" [150 mm]	No limit
Width*	4.75" [120 mm]	20" [510 mm]
Height	4.75" [120 mm]	20" [510 mm]
Weight (filled):	5 lbs. [3 kg]	85 lbs. [38 kg]
	*5.5" [140 mm] with the 3M-Matic 120a3	

Tape Width: For 120a – 36 mm minimum to 48 mm maximum. For 120a3 – 48 mm minimum to 72 mm maximum.

Machine Operating Rate: Up to 25 cases per minute depending on box length.

3M-MATIC™ CASE SEALER 800A SIDE BELT DRIVE



The 800a features twin gearmotor side belt drives for heavy duty performance. The semi-automatic 800a seals up to 30 cases per minute, and is available in three models: the 800a with 48 mm wide taping heads; the 800a3 with 72 mm wide taping heads; and the 800ab for bottom taping only with a 48 mm wide taping head. Standard features include low-impact AccuGlide™ II taping heads; compression rollers for precise tape sealing; dual masts with twin lead screws; a frame mounted upper tape roll bracket for easier tape mounting; friction brake tape roll drums; an easy-to-reach alternate outboard tape roll mount for the lower head; and easy-to-install laced replacement belts.

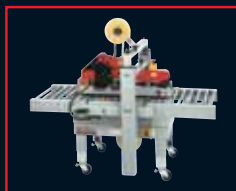
SPECIFICATIONS

Box Size:	Min	Max
Length	6" [150 mm]	No limit
Width	4.5" [115 mm]	21.5" [545 mm]
Height	4.75" [120 mm]	24.5" [620 mm]
Weight	5 lbs. [3 kg]	85 lbs. [38 kg]

Tape Width: For 800a and 800ab – 36 mm minimum to 48 mm maximum. For 800a3 – 48 mm minimum to 72 mm maximum.

Machine Operating Rate: Up to 30 boxes per minute.

The 3M-Matic™ Case Sealer 800asb: This model gives you all of the features of the 800a, but easily handles cases as small as 6" [150 mm] long by 3.9" [100 mm] wide by 2.75" [70 mm] high at a rate of 30 per minute.



MANUALLY ADJUSTABLE, AUTOMATIC FLAP FOLDING

3M-MATIC™ CASE SEALER 120AF SIDE BELT DRIVE

Fully automatic, all-in-one unit for a variety of top and bottom case sealing applications. Precisely positions tight, consistent top and bottom seals on regular slotted containers with production rates of up to 27 boxes per minute. Spring-loaded drive with twin gear motors for heavy-duty performance. Power in-feed conveyor attachment available to accept cases from flooded line.

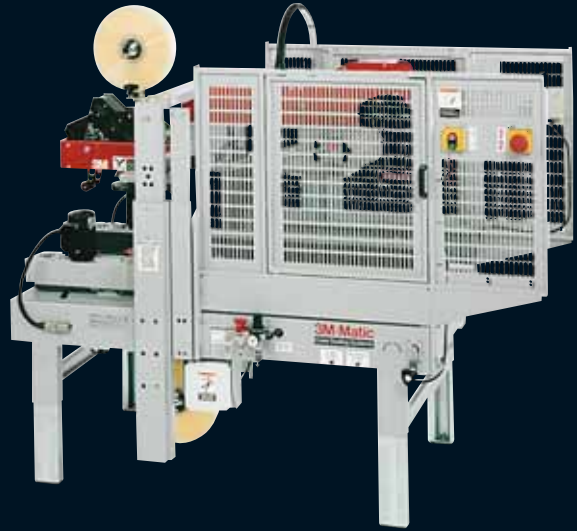
SPECIFICATIONS

Box Size:	Min	Max
Length	6" [150 mm]	25" [635 mm]
Width	4.75" [120 mm]	20" [510 mm]
Height	4.75" [120 mm]	20" [510 mm]
Weight (filled)	4 lbs. [2 kg]	65 lbs. [29 kg]

Tape Width: For 120af – 36 mm minimum to 48 mm maximum.

For 120af3 – 48 mm minimum to 72 mm maximum.

Machine Operating Rate: Up to 27 cases per minute depending on box length.



3M-MATIC™ CASE SEALER 800AF SIDE BELT DRIVE

The 800af is a fully automatic case sealer that automatically folds top flaps and seals both top and bottom center seams — at up to 28 cases per minute. Standard features include 3M's patented AccuGlide™ II taping heads which apply tight, consistent seals; twin gearmotors; dual masts with twin lead screws; laced belts for quick and easy replacement; dual compression rollers; side shields at machine infeed with hinged access doors and safety interlocks; easily accessible stop switch on each side of machine; upper tape roll bracket attached to the machine frame; friction brake tape roll drums; an integrated box gating system (indexer); sturdy one-piece flap kicker; and alternate outboard tape roll mount for bottom taping head.

SPECIFICATIONS

Box Size:	Min	Max
Length	6" [150 mm]	30" [760 mm]
Width	4.75" [120 mm]	21.5" [545 mm]
Height	4.75" [120 mm]	24.5" [620 mm]
Weight	5 lbs. [3 kg]	85 lbs. [38 kg]

Tape Width: 36 mm minimum to 48 mm maximum.

Machine Operating Rate: Up to 28 boxes per minute.



3M-Matic™ Case Sealer 800af3: This model offers wider upper and lower AccuGlide™ II taping heads for tape widths from 48 mm minimum to 72 mm maximum.

SELF-ADJUSTABLE RANDOM, SEMI-AUTOMATIC

3M-MATIC™ CASE SEALER 700R TOP AND BOTTOM BELT DRIVE



The versatile 700r is ideal for a variety of case sizes, sealing up to 15 cases per minute and automatically adjusting to each box's height and width. The pneumatically operated packing station holds empty cases for filling and automatically centers them for sealing. The advanced AccuGlide™ II taping heads then precisely apply the box sealing tape. Other features include a gearmotor drive for heavy-duty performance; upper mast guards; a frame mounted upper tape roll bracket; friction brake tape roll drums; easy-to-reach alternate outboard tape roll mount for the lower head; easy-to-install laced replacement belts; and an infeed conveyor.

SPECIFICATIONS

Box Size:	Min	Max
Length	6" [150 mm]	No limit
Width	6" [150 mm]	21.5" [545 mm]
Height	4.75" [120 mm]	24.5" [620 mm]
Weight	—	85 lbs. [38 kg]

Tape Width: 36 mm minimum to 48 mm maximum.

Machine Operating Rate: Up to 15 boxes per minute. Actual production rate is dependent on box size, box size mix and operator dexterity.

3M-MATIC™ CASE SEALER 700RKS TOP & BOTTOM BELT DRIVE



Like the 700aks, the 700rks is specifically designed for productive sealing of large size regular slotted containers, such as those used in the appliance, electronics and bedding industries. The versatile 3M-Matic 700rks is ideal for sealing a variety of case sizes on the same production line, sealing up to 15 cases per minute while automatically adjusting to each case's height and width. A pneumatically operated packing station also holds empty cases for filling and automatically centers them for sealing. Standard features include patented AccuGlide™ II taping heads; two 1/4 HP gearmotor drives for heavy duty performance; unique upper and lower drive system with four belts; friction brake tape roll drums; an easy-to-reach alternate outboard tape roll mount for the lower head; and easy-to-install laced replacement belts.

SPECIFICATIONS

Box Size:	Min	Max
Length	6" [150 mm]	No limit
Width	7" [175 mm]	25.5" [650 mm]
Height		
Standard mast position	4.75" [120 mm]	25.5" [650 mm]
High mast position	15.25" [390 mm]	36" [915 mm]
Weight	—	85 lbs. [38 kg]

Tape Width: 48 mm minimum to 72 mm maximum.

Machine Operating Rate: Up to 15 boxes per minute. Actual production rate is dependent on box size, box size mix and operator dexterity.

3M-MATIC™ CASE SEALER 800R SIDE BELT DRIVE

The 800r features side belt drives that easily handle assorted size cases, even as narrow as 4.25" [110 mm]. It seals up to 15 cases/minute, automatically adjusting to each case, so you can seal multiple sizes with one machine — without sealing by hand or stopping for adjustments. Other features include AccuGlide™ II taping heads for precise tape application; repositionable masts for different height ranges; gearmotor drives; frame-mounted upper tape drum; dual crossbar mounting; roller top deck; electrically interlocked punched steel sideguards; instructional and safety labeling; electrical on/off switch and centrally located stop switch.

SPECIFICATIONS

Box Size:	Min	Max
Length	8" [200 mm]	No limit
Width	4.25" [110 mm]	20.0" [510 mm]
Height		
Standard mast position	4.75" [120 mm]	21" [535 mm]
High mast position	9.12" [234 mm]	25.38" [650 mm]
Weight	—	85 lbs. [38 kg]

Tape Width: 36 mm minimum to 48 mm maximum.

Machine Operating Rate: Up to 15 boxes per minute. Actual production rate is dependent on box size, box size mix and operator dexterity.



3M-MATIC™ CASE SEALER 800RKS SIDE BELT DRIVE

The 800rks seals super-size cases — up to 30" wide by 50" high — at a rate of up to 10 per minute. Matched upper and lower side belt drives ensure that each box is aligned for accurate tape placement. And AccuGlide™ II low-impact taping heads provide precise, accurate seals. Other features include frame-mounted tape drum; adjustable cylinder stop; electrically interlocked punched steel sideguards; pneumatic box stop; stop switches and instructional and safety labeling.

SPECIFICATIONS

Box Size:	Min	Max
Length	15" [380 mm]	No limit
Width	8" [200 mm]	30" [765 mm]
Height	12" [305 mm]	50" [1270 mm]
Weight	5 lbs. [3 kg]	200 lbs. [90 kg]

Tape Width: 48 mm minimum to 72 mm maximum.

Machine Operating Rate: Up to 10 boxes per minute.



SELF-ADJUSTABLE RANDOM, FULLY AUTOMATIC

3M-MATIC™ CASE SEALER 800RF SIDE BELT DRIVE



The 800rf automatically handles a wide range of case sizes — at up to 8 cases per minute. It's ideal for lines with random case sizes and where multiple lines running different size cases come together for sealing. It features an optically controlled powered infeed conveyor that separates and holds cases for metered feeding into the taping area; pneumatic controls that adjust side belt feeding mechanism; upper flap folding and AccuGlide™ II taping heads; Programmable Logic Controller; pneumatically operated rear flap folder and two finishing plows; emergency stop buttons; and movable protective side shields with machine interlock shut-off switches.

SPECIFICATIONS

Box Size:	Min	Max
Length	10" [250 mm]	24" [610 mm]
Width	8" [200 mm]	19.5" [495 mm]
Height	6" [150 mm]	20" [510 mm]
Weight:	5 lbs. [3 kg]	85 lbs. [38 kg]

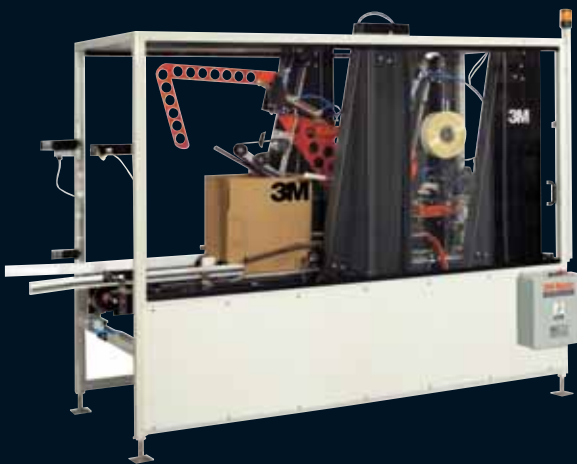
Tape Width: For 800rf – 36 mm minimum to 48 mm maximum. For 800rf3 – 48 mm minimum to 72 mm maximum.

Machine Operating Rate: Up to 8 boxes per minute depending on case size and case size mix. Rate is dependent on box size, box size mix and operator dexterity.



The indexing gate and photo eyes separate cases on flooded lines.

3M-MATIC™ CASE SEALER 1400RF LUG DRIVE



Provides productivity and automation for demanding packaging line operations. Ideal for lines with random case sizes and where multiple lines running different case sizes come together for sealing. The patented 3M design utilizes a two step, continuous process to fold all four top flaps and seal the top and bottom of the case at speeds up to 14 cases per minute. AccuGlide™ II low impact taping heads provide precise accurate tape seals.

SPECIFICATIONS

Box Size:	Min	Max
Length	10" [250 mm]	22" [560 mm]
Width	7.5" [190 mm]	16" [405 mm]
Height	5.5" [140 mm]	20" [510 mm]*
Weight:	10 lbs. [4.5 kg]	—

*Maximum case height difference is 7".

Tape Width: 36 mm minimum to 48 mm maximum or 48 mm minimum to 72 mm maximum.

Machine Operating Rate: Up to 14 cases per minute depending on box length.

Note: Custom built to customer specifications. Other case sizes may be accommodated. Case weight requirement at least 10 lbs. Boxes should be test run to assure proper machine performance. Please consult with 3M.

ACCUGLIDE™ TAPING HEADS

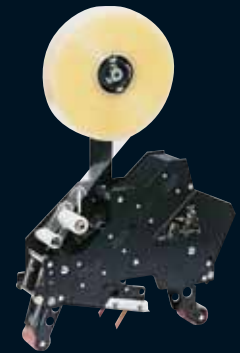
ACCUGLIDE™ HST TAPING HEAD

Designed for high speed, heavy duty, automatic case sealing applications, with an independent applying and buffing mechanism that allows for case speeds up to 150 feet per minute [46m/min.]. Available for up to 48 mm and 72 mm tape widths.



ACCUGLIDE™ II TAPING HEAD

Our newest and most advanced taping head. Its curvilinear track ensures that even lightweight cartons are securely and carefully sealed. Available for up to 48 mm and 72 mm tape widths. Designed for conveyor speeds up to 80 feet per minute [24m/min.].



ACCUGLIDE™ STD TAPING HEAD

Designed for taping applications with conveyor speeds up to 80 feet per minute [24m/min.]. Its compact size and simplicity of design make it ideal for conversions. Available in stainless steel and for up to 48 mm and 72 mm tape widths.



ACCUGLIDE™ SMT TAPING HEAD

Designed for systems that convey regular slotted containers on their sides. Available for up to 48 mm tape widths and for right or left side applications. Compatible with conveyor speeds of up to 80 feet per minute [24m/min.].



POWERED DRIVE ASSEMBLY FEATURED WITH ACCUGLIDE™ STD TAPING HEAD

The powered drive assembly incorporates an AccuGlide™ STD taping head and belts that drive the boxes at 75 feet per minute [23m/min.]. Can be placed in machines that do not have a case conveying system. Assembly is also compatible with the AccuGlide™ II and AccuGlide™ SMT taping heads.



ACCUGLIDE™ NWT TAPING HEAD

Specially designed for narrower tape widths (up to 48 mm) and for installation into existing case sealing equipment with less available space (width) for taping heads. Excellent for conveyor speeds of up to 80 feet per minute [24m/min.].



OPTIONS FOR 3M-MATIC™ CASE SEALERS

CASTERS



For ease in portability. Casters swivel and can be locked in place. 3" [76 mm] diameter polyurethane wheels.

INFEED/EXIT CONVEYOR



Rigid support mounting system; roller shafts locked in position; ball bearing rollers.

LOW TAPE INDICATOR



Photosensors signal a light to come on when tape roll is getting low. Increases productivity by giving advance warning that a tape roll change will be necessary.

BOX HOLD DOWN ATTACHMENT

An easy and convenient method for holding an open regular slotted container on the case sealer infeed conveyor. This frees the operator to use both hands for case filling prior to the sealing operation.



THREE-FLAP FOLDER

Assists operator in folding the front, or minor, and two side, or major flaps of regular slotted containers before the taping operation.



3M-MATIC™ S-857 "L" CLIP APPLICATOR

The S-857 instantly applies pre-fed 115 mm "L" clips of Scotch™ brand high performance filament tape on a variety of box sizes, shapes and styles — up to 50 per minute. Durable buffing rollers assure consistent tape closure, even very close to corners. Its narrow width (11" [280 mm]) allows side-by-side mounting for simultaneous application of multiple "L" clips to the flap of a box. An optional single head stand is also available.



SCOTCH® BOX SEALING TAPE

SCOTCH® BOX SEALING TAPE 373



A packaging tape developed primarily for single strip closure of regular slotted containers. It features a strong, conformable Scotchpro™ film backing which provides resistance to edge tear and to splitting due to shock from impact. Dispenses very well in both 3M manual and 3M-Matic™ dispensers. The adhesive sticks at a touch to fiberboard, without dwell time. Available in tan, white, transparent, blue, green, orange, red and yellow.

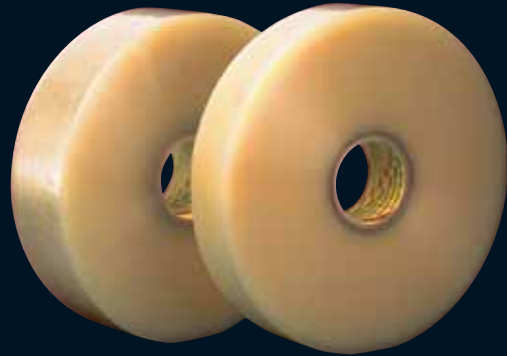
SCOTCH® BOX SEALING TAPE 372



A packaging tape used primarily for single strip closure of regular slotted containers (RSCs). This tape includes a strong, conformable Scotchpro™ backing that provides resistance to edge tearing and splitting due to shock from impact. The backing is coated with an aggressive packaging adhesive specifically formulated for use on corrugated fiberboard boxes.

SCOTCH® BOX SEALING TAPE 375

This packaging tape features Scotchpro™ high performance film backing and an adhesive system developed primarily for single strip closure of RSCs. The Scotchpro™ backing is strong and conformable. Its high strength provides excellent resistance to edge tear and splitting due to impact shock. Handling and dispensing properties are excellent in both systems length and short rolls. The tan and transparent tapes have excellent adhesion to many types of surfaces and are often used for sealing of RSCs.



SCOTCH® BOX SEALING TAPE 355

A packaging tape featuring a strong Scotchpar™ film backing and adhesive with high holding power. Adhesive provides excellent adhesion to many types of surfaces. An easy-to-handle tape that has excellent resistance to edge tear and splitting from impact shock. High strength Scotchpar™ backing also provides excellent water, chemical and abrasion resistance as well as good thermal properties. Used for single strip closure of regular slotted containers and general sealing. Can also be used for single strip closure of treated box surfaces. Available in tan and transparent.



3M-MATIC™ CASE SEALER

Model	CASE CAPACITY			Cases/Minute	POWER REQUIREMENTS	
	Minimum	Maximum	Weight (min.-max.)		Elec.	Pneum.
100A BOTTOM BELT DRIVE	L 6" [150 mm] W 6" [150 mm] H 4.75" [120 mm]	L No Limit W 21.5" [545 mm] H 21.5" [545 mm]	5-65 lbs. [3-30 kg]	Up to 30	115 VAC 60 HZ 2.9 A 340 watts	None
200A BOTTOM BELT DRIVE	L 6" [150 mm] W 6" [150 mm] H 4.75" [120 mm]	L No Limit W 21.5" [545 mm] H 24.5" [620 mm]	5-85 lbs. [3-38 kg]	Up to 30	115 VAC 60 HZ 1.9 A 220 watts	None
700A TOP AND BOTTOM BELT DRIVE	L 6" [150 mm] W 6" [150 mm] H 4.75" [120 mm]	L No Limit W 21.5" [545 mm] H 24.5" [620 mm]	Up to 85 lbs. [38 kg]	Up to 30	115 VAC 60 HZ 3.8 A 440 watts	None
700AKS TOP AND BOTTOM BELT DRIVE	L 6" [150 mm] W 7" [175 mm] H (STD) 4.75" [120 mm] H (ALT) 15.25" [390 mm]	L No Limit W 25.5" [650 mm] H (STD) 25.5" [650 mm] H (ALT) 36" [915 mm]	Up to 85 lbs. [38 kg]	Up to 30	115 VAC 60 HZ 6.4 A 740 watts	None
120A SIDE BELT DRIVE	L 6" [150mm] W* 4.75" [120 mm] H 4.75" [120 mm] <small>*W for 120a3 – 5.5" [140 mm]</small>	L No Limit W 20" [510 mm] H 20" [510 mm]	5-85 lbs. [3-38 kg]	Up to 25	115 VAC 60 HZ 3.6 A 415 watts	None
800A SIDE BELT DRIVE	L 6" [150 mm] W 4.5" [115 mm] H 4.75" [120 mm]	L No Limit W 21.5" [545 mm] H 24.5" [620 mm]	5-85 lbs. [3-38 kg]	Up to 30	115 VAC 60 HZ 3.8 A 440 watts	None
800ASB SIDE BELT DRIVE	L 6" [150 mm] W 3.9" [100 mm] H 2.75" [70 mm]	L No Limit W 21.5" [545 mm] H 22.38" [567 mm]				
120AF SIDE BELT DRIVE	L 6" [150 mm] W 4.75" [120 mm] H 4.75" [120 mm]	L 25" [635 mm] W 20" [510 mm] H 20" [510 mm]	4-65 lbs. [2-29 kg]	Up to 27	115 VAC 60 HZ 2.8 A 320 watts	75 PSIG [5.0 Bar] 1.5 SCFM [42 l/min]*
800AF SIDE BELT DRIVE	L 6" [150 mm] W 4.75" [120 mm] H 4.75" [120 mm]	L 30" [760 mm] W 21.5" [545 mm] H 24.5" [620 mm]	5-85 lbs. [3-38 kg]	Up to 28	115 VAC 60 HZ 3.8 A 440 watts	95 PSIG [6.5 Bar] 2.5 SCFM [.70 l/min]*
700R TOP AND BOTTOM BELT DRIVE	L 6" [150 mm] W 6" [150 mm] H 4.75" [120 mm]	L No Limit W 21.5" [545 mm] H 24.5" [620 mm]	Up to 85 lbs. [38 kg]	Up to 15	115 VAC 60 HZ 3.8 A 440 watts	70 PSIG [4.8 Bar] 3.75 SCFM [105 l/min]*
700RKS TOP AND BOTTOM BELT DRIVE	L 6" [150 mm] W 7" [175 mm] H (STD) 4.75" [120 mm] H (ALT) 15.25" [390 mm]	L No Limit W 25.5" [650 mm] H (STD) 25.5" [650 mm] H (ALT) 36" [915 mm]	Up to 85 lbs. [38 kg]	Up to 15	115 VAC 60 HZ 6.4 A 740 watts	85 PSIG [5.8 Bar] 2.5 SCFM [70 l/min]*
800R SIDE BELT DRIVE	L 8" [200 mm] W 4.25" [110 mm] H (STD) 4.75" [120 mm] H (ALT) 9.12" [234 mm]	L No Limit W 20" [510 mm] H (STD) 21" [535 mm] H (ALT) 25.38" [650 mm]	Up to 85 lbs. [38 kg]	Up to 15	115 VAC 60 HZ 3.8 A 440 watts	95 PSIG [6.5 Bar] 3.75 SCFM [.14 l/min]*
800RKS SIDE BELT DRIVE	L 15" [380 mm] W 8" [200 mm] H 12" [305 mm]	L No Limit W 30" [765 mm] H 50" [1270 mm]	5-200 lbs. [3-90 kg]	Up to 10	208-240 VAC 60 HZ 6.6 A 3 phase	85 PSIG [5.8 Bar] 24.5 SCFM [695 l/min]*
800RF SIDE BELT DRIVE	L 10" [250 mm] W 8" [200 mm] H 6" [150 mm]	L 24" [610 mm] W 19.5" [495 mm] H 20" [510 mm]	5-85 lbs. [3-38 kg]	Up to 8	208-240 VAC 60 HZ 5.5 A 3 phase	100 PSIG [6.9 Bar] 7.0 SCFM [200 l/min]*
1400RF LUG DRIVE	L 10" [250 mm] W 7.5" [190 mm] H 5.5" [140 mm]	L 22" [560 mm] W 16" [405 mm] H 20" [510 mm]	Over 10 lbs. [4.5 kg]	Up to 14	120 VAC 20 A 1 phase	80 PSIG [5 Bar]
S-857 "L" CLIP APPLICATOR	L 2.25" [60 mm] W 5" [130 mm] H 2.25" [60 mm]	L No Limit W No Limit H No Limit	Operator Dependent	Up to 50 "L" clips per minute	None	60 PSIG [4.1 Bar] 2.16 SCFM [61 l/min]*

Note on case capacity: Case sizes outside of these capacities can be handled on a special basis. Contact your 3M Sales Representative.

MACHINE SPECIFICATIONS

OVERALL MACHINE DIMENSIONS				Caster Height	CONVEYOR ATTACHMENT	Box Drive Belt Speed	Tape Widths	Options
Length	Width	Height (min./max.)	Bed Height (min./max.)		Length			
36.5" [930 mm]	31" [785 mm]	52" [1320 mm]/ 86" [2190 mm]	22.5" [570 mm]/ 30" [760 mm]	4" [100 mm]	18" [455 mm]	78 fpm [4.0 m/s]	36 to 48 mm	– Infeed/Exit conveyor – Casters – Three flap folder – Box hold down attachment
36.5" [930 mm]	31" [785 mm]	53" [1345 mm]/ 86" [2185 mm]	20" [610 mm]/ 35" [890 mm]	4" [100 mm]	18" [455 mm]	78 fpm [4.0 m/s]	36 to 48 mm	– Infeed/Exit conveyor – Casters – Low tape indicator – Box hold down attachment – 3 flap folder
40.5" [1030 mm]	31" [785 mm]	53" [1345 mm]/ 86" [2185 mm]	24" [610 mm]/ 35" [890 mm]	4" [100 mm]	18" [455 mm]	78 fpm [4.0 m/s]	36 to 48 mm	– Infeed/Exit conveyor – Casters – Low tape indicator – Box hold down attachment – 3 flap folder
42.5" [1180 mm]	33.75" [855 mm]	49.5" [1260 mm]/ 91.5" [2325 mm]	20.5" [520 mm]/ 31" [790 mm]	4" [100 mm]	16.75" [425 mm]	78 fpm [4.0 m/s]	48 to 72 mm	– Infeed/Exit conveyor – Casters – Low tape indicator (bracket required) – Box hold down attachment
36.25" [920 mm]	32.75" [832 mm]	44.4" [1130 mm]/ 69.3" [1760 mm]	22.75" [578 mm]/ 31" [787 mm]	4.75" [121 mm]	13.87" [353 mm]	76 fpm [3.8 m/s]	120a: 36 to 48 mm 120a3: 48 to 72 mm	– Infeed conveyor – Casters – 3 flap folder
36" [980 mm]	38.5" [980 mm]	53" [1356 mm]/ 86" [2185 mm]	24" [610 mm]/ 35" [890 mm]	4" [100 mm]	18" [455 mm]	78 fpm [4.0 m/s] 57 fpm [2.9 m/s]	800a and 800ab: 36 to 48 mm 800a3: 48 to 72 mm 800asb: 36 mm only	– Infeed/Exit conveyor – Casters – Low tape indicator – Box hold down attachment – 3 flap folder
75.5" [1918 mm]	35.38" [899 mm]	53.38" [1356 mm]/ 74.0" [1880 mm]	23" [585 mm]/ 28.13" [715 mm]	4.75" [121 mm]	37.5 to 45.25" [953 to 1151 mm]	75 fpm [3.8 m/s]	120af: 36 to 48 mm 120af3: 48 to 72 mm	– Power infeed conveyor
75.6" [1920 mm]	38.8" [985 mm]	62" [1575 mm]/ 86" [2185 mm]	24" [610 mm]/ 35" [890 mm]	5.3" [135 mm]	None	78 fpm [4.0 m/s]	800af: 36 to 48 mm 800af3: 48 to 72mm	– Casters – Low tape indicator – Infeed/Exit conveyor
46.5" [1180 mm]	31" [785 mm]	62" [1575 mm]/ 86" [2185 mm]	24" [610 mm]/ 35" [890 mm]	4" [100 mm]	18" [455 mm]	78 fpm [4.0 m/s]	36 to 48 mm	– Exit conveyor – Casters – Low tape indicator
42.5" [1180 mm]	33.75" [855 mm]	49.5" [1260 mm]/ 91.5" [2325 mm]	20.5" [520 mm]/ 31" [790 mm]	4" [100 mm]	16.75" [425 mm]	78 fpm [4.0 m/s]	48 to 72 mm	– Exit conveyor – Casters – Low tape indicator (bracket required)
46" [1170 mm]	38.5" [980 mm]	30.88" [785 mm]/ 52.75" [1340 mm]	20.75" [525 mm]/ 27.75" [705 mm]	4" [100 mm]	16.75" [425 mm]	78 fpm [4.0 m/s]	36 to 48 mm	– Infeed/Exit conveyor – Casters
67.6" [1717 mm]	55.8" [1417 mm]	68.75" [1745 mm]/ 108.5" [2756 mm]	24" [610 mm]/ 36" [914 mm]	4" [100 mm]	None	88 fpm [4.4 m/s]	48 to 72 mm	– Tape application sensor
99" [2515 mm]	49" [1245]	73.5" [1970 mm]/ 80" [2035 mm] (includes casters)	25.5" [650 mm]/ 32" [815 mm]	5" [125 mm]	22.5" [570 mm]	78 fpm [4.0 m/s]	800rf: 36 to 48 mm 800rf3: 48 to 72 mm	– Tape application sensor
120" [3048 mm]	55" [1397 mm]	68" [1727 mm]	Up to 23" [585 mm]	5" [125 mm]	Not Applicable	Not Applicable	36 to 48 mm or 48 to 72 mm	– SSTL, NEMA 4 – Built to customer specifications
31" [790 mm] includes tape roll	11" [280 mm]	29" [735 mm] includes tape roll	Not Applicable	Not Applicable	Not Applicable	Not Applicable	9, 12, 15 mm	– Single head stand

*liter/min @ 21°C, 1.01 bar

3M-MATIC™ Customer Support Center

The 3M-Matic Customer Support Center and Helpline is there to help 3M-Matic customers and distributors resolve equipment-related issues. You can order replacement parts or talk to one of our trained staff technicians — experts in all facets of 3M-Matic equipment and a wide range of manual and automatic tape dispensers. When you have a question, simply call the toll-free Helpline at 1-800-328-1390, open to take your calls Monday through Friday, 8:00 a.m. to 5:00 p.m. Central Time. Messages will be taken 24 hours a day for next working day response. 3M-Matic Helpline 1-800-328-1390

I. TAPING HEADS

Equipment Warranty and Limited Remedy: THE FOLLOWING WARRANTIES ARE MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, A CUSTOM OR USAGE OF TRADE:

1. 3M sells its AccuGlide™ NWT, SMT, STD and II Taping Heads with the following warranties:
 - A. The Taping Head knife blades, springs and rollers will be free from all defects for ninety (90) days after delivery.
 - B. All other Taping Head parts will be free from all defects for three (3) years after delivery.
2. 3M warrants that its AccuGlide™ HST High Speed Heavy Duty Taping Head and its T-86 “L” Clip Taping Head will be free from all defects for ninety (90) days after delivery.
3. 3M sells its AccuGlide™ Powered Taping Head with the following warranties:
 - A. The Taping Head knife blades, springs and rollers will be free from all defects for ninety (90) days after delivery.
 - B. All other Taping Head parts contained in the drive assembly will be free from all defects for three (3) years after delivery.
 - C. The motor and transmission will be free from all defects for ninety (90) days after delivery.
 - D. All other parts of the drive assembly will be free from all defects for ninety (90) days after delivery.

If any part is proved to be defective within the warranty period, then the exclusive remedy and 3M's sole obligation shall be, at 3M's sole option, to repair or replace the part, provided the defective part is returned immediately to 3M's factory or an authorized service station designated by 3M. A part will be presumed to have become defective after the warranty period unless the part is received or 3M is notified of the problem no later than five (5) calendar days after the warranty period. If 3M is unable to repair or replace the part within a reasonable time, then 3M, at its option, will replace the equipment or refund the purchase price. 3M shall have no obligation to provide or pay for the labor required to install repaired or replacement parts. 3M shall have no obligation to repair or replace (1) those parts failing due to operator misuse, carelessness, or due to any accidental cause other than equipment failure, or (2) parts failing due to non-lubrication, inadequate cleaning, improper operating environment, improper utilities, or operator error. **Limitation of Liability:** 3M shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

II. GENERAL PURPOSE CASE SEALERS

Equipment Warranty and Limited Remedy: THE FOLLOWING WARRANTIES ARE MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF A COURSE

OF DEALING, A CUSTOM OR USAGE OF TRADE: 3M sells its General Purpose 3M-Matic™ Case Sealers with the following warranties:

1. The Taping Head knife blades, springs and rollers will be free from all defects for ninety (90) days after delivery.
2. All other Taping Head parts will be free from all defects for three (3) years after delivery.
3. The gearmotor in a case sealer will be free from all defects for one (1) year after delivery.
4. The motor and transmission in the other case sealers listed will be free from all defects for one (1) year after delivery.
5. All other parts will be free from all defects for ninety (90) days after delivery.

If any part is proved to be defective within the warranty period, then the exclusive remedy and 3M's sole obligation shall be, at 3M's sole option, to repair or replace the part, provided the defective part is returned immediately to 3M's factory or an authorized service station designated by 3M. A part will be presumed to have become defective after the warranty period unless the part is received or 3M is notified of the problem no later than five (5) calendar days after the warranty period. If 3M is unable to repair or replace the part within a reasonable time, then 3M, at its option, will replace the equipment or refund the purchase price. 3M shall have no obligation to provide or pay for the labor required to install repaired or replacement parts. 3M shall have no obligation to repair or replace (1) those parts failing due to operator misuse, carelessness, or due to any accidental cause other than equipment failure, or (2) parts failing due to non-lubrication, inadequate cleaning, improper operating environment improper utilities, or operator error. Limitation of Liability: 3M shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

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3M-MATIC™ S-857 "L" CLIP APPLICATOR

If any part is proved to be defective within the warranty period, then the exclusive remedy and 3M's sole obligation shall be, at 3M's sole option, to repair or replace the part, provided the defective part is returned immediately to 3M's factory or an authorized service station designated by 3M. A part will be presumed to have become defective after the warranty period unless the part is received or 3M is notified of the problem no later than five (5) calendar days after the warranty period. If 3M is unable to repair or replace the part within a reasonable time, then 3M, at its option, will replace the equipment or refund the purchase price. 3M shall have no obligation to provide or pay for the labor required to install repaired or replacement parts. 3M shall have no obligation to repair or replace (1) those parts failing due to operator misuse, carelessness, or due to any accidental cause other than equipment failure, or (2) parts failing due to non-lubrication, inadequate cleaning, improper operating environment, improper utilities, or operator error. Limitation of Liability: 3M shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.



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