

Scotch®

Light Duty Packaging Tapes



Neat
& secure

boxes, bags,
bundles, and tins

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Streamlined selection of film tapes and dispensers
for packaging products from candy to T-shirts

3M

Versatility with choices of film backings and adhesives for applications success

With the streamlined selection of Scotch® Light Duty Packaging Tapes, readily match backing and adhesive combinations to light duty applications and surfaces.

Typical light duty applications:

- Garment bundling
- Cookie tin seam sealing
- Plastic bag closure
- Attaching extended application tube to aerosol can
- Party tray closure
- Wrapped candy box closure
- Wrapper closure
- Document envelope closure
- Innerpack box closure

Variety of surfaces:

- Fabrics
- Molded plastics
- Metals
- Clay-coated paperboard
- Corrugated
- Vinyl and films

Tapes for apparel tabbing and holding

- Scotch® Transparent Film Tape 600: UPVC backing with very high strength acrylic adhesive
- **Scotch® Transparent Film Tape 640:** UPVC backing with clean removal acrylic adhesive for a wider variety of fabric finishes and treatments; formulated for tabbing shirts and underwear
- Scotch® Transparent Film Tape 5910: Polypropylene backing with long-aging utility grade acyclic adhesive

Tapes for other light duty applications

- Scotch® Transparent Film Tape 605: Polypropylene backing with very aggressive acrylic adhesive for cold temperature applications
- Scotch® Colored Film Tape 690: UPVC backing with natural rubber adhesive for sealing and color coding
- Scotch® Heat Shrinkable Film Tape 6887: UPVC backing and rubber adhesive for tamper-indicating secondary closures on the seams of tins and jars

Technologies matched to the application

Choice of backings:

- UPVC film for transparency, UV resistance, and non-staining
- Polypropylene for flexibility and moisture resistance in food packaging
- Cellophane for dimensional stability without shrinkage or distortion at up to 300°F; tears by hand for easy package opening

Choice of adhesives:

- Acrylic for long aging and UV resistance
- Rubber for high initial bond strength and adhesion to wide variety of materials including hard-to-bond plastics



Hold plastic party tray lid with Scotch® Transparent Film Tape 605



Attach applicator tube to aerosol can with Scotch® Transparent Film Tape 600.

Secure cookie tin lid with tamper-indicating Scotch® Heat Shrinkable Film Tape 6887.



Choices of dispensers to seal, hold, attach, and tab

Bundle a wider range of fabrics with clean removal Scotch® Transparent Film Tape 640.



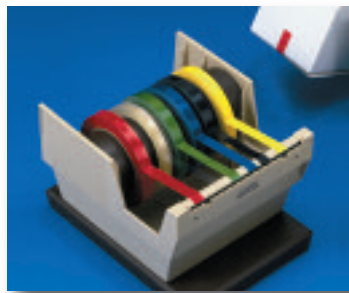
Scotch® Manual Dispenser S63 applies a neat, consistently sized L-clip of tape in a single pass of a box.



Scotch® Definite Length Dispenser M96 dispenses pre-set lengths of .75" to 5" per stroke.



Scotch® Bag Sealer P400 applies tape in an adhesive-to-adhesive flag seal, includes bag trimmer.



Scotch® Multi-Roll Dispenser P56/P56W for pull and tear of up to 6" total width of tapes. P56W offers weighted base.



Scotch® Heavy-Duty Tabletop Dispenser C22 for pull and tear convenience.

Dispensers	Applications	Max. Tape Width
C22	Sealing, holding, attaching and tabbing	2 in.
M96	Sealing, holding, attaching and tabbing	1 in.
P56 / P56W	Sealing, holding, attaching and tabbing	6 in.
P400	Bag sealing	0.375 in.
S63	Box closing	15mm

Product Information

Tapes	Structure (Backing/Adhesive)	Backing Thickness mils (mm)	Total Thickness mils (mm)	Adhesion to Steel oz./in. (N/100 mm)	Tensile Strength lbs./in. (N/100 mm)	Elongation at Break %	Comments
ASTM Test Method:		D-3652	D-3652	D-3330	D-3759	D-3759	
600	UPVC/Acrylic	1.5 (.038)	2.3 (.058)	40 (44)	28 (490)	45	Long aging, premium performance
605*	Polypropylene/Acrylic	1.6 (.041)	2.5 (.064)	27 (30)	22 (385)	15	Cold temperature stability
610	Cellophane/Natural Rubber	1.4 (.036)	2.3 (.058)	43 (47)	23 (403)	15	Heat resistant up to 300° F
640	UPVC/Acrylic	1.5 (.038)	2.3 (.058)	28 (30)	32 (560)	65	Clean removal for tabbing apparel
650	Cellophane/High Temperature Rubber	1.4 (.036)	2.5 (.064)	30 (33)	20 (350)	60	High temperature application up to 350° F
681	UPVC/Natural Rubber	1.5 (.038)	2.4 (.061)	30 (33)	25 (438)	60	Good moisture, solvent resistance
690	UPVC/Natural Rubber	1.5 (.038)	2.3 (.058)	30 (33)	35 (613)	45	Colored film tapes for sealing; color coding in red, white, blue, black, green, and yellow
5910**	Polypropylene/Acrylic	1.2 (.030)	1.8 (.046)	20 (22)	10 (175)	15	Utility grade for light duty packaging applications
5912	Cellophane/Synthetic Rubber Resin	1.4 (.036)	2.4 (.061)	54 (59)	28 (490)	15	Utility grade for light duty packaging applications
6887	UPVC/Synthetic Rubber Resin	1.5 (.038)	2.5 (.064)	50 (55)	30 (525)	55	Heat shrinkable, tamper indication

*FDA acceptable dry ingredients listed as indirect food contact additives when used in food packaging with minimal opportunity for exposure

**Highland brand

Backing and Adhesive Applications Guide

Backings				
	Cellophane	UPVC	Polypropylene	
	<ul style="list-style-type: none"> Heat resistant 	<ul style="list-style-type: none"> Moisture resistant Chemical resistant Heat shrinkable 	<ul style="list-style-type: none"> Clear Conformable 	
Adhesives	Natural Rubber <ul style="list-style-type: none"> Wet grab High adhesion Yellow color 	<ul style="list-style-type: none"> High temperature splicing 	<ul style="list-style-type: none"> Sealing Holding Tabbing 	
	Suggested Products	610, 650	681, 690	
	Synthetic Rubber <ul style="list-style-type: none"> Clear Superior adhesion Clean removal 	<ul style="list-style-type: none"> Tabbing Bag closing Light packaging Hand application 	<ul style="list-style-type: none"> Small L-clips Attaching Tamper evident seal Heat shrink 	<ul style="list-style-type: none"> Conformability General use packaging
	Suggested Products	5912	6887	
	Acrylic <ul style="list-style-type: none"> Clear Long aging Non-yellowing Cold temperature stability 		<ul style="list-style-type: none"> Holding Attaching Small carton L-clips Tabbing Light duty packaging where clarity and aging are important 	<ul style="list-style-type: none"> Cold temperature packaging Economics
	Suggested Products		600, 640	605, 5910

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Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550, (Fax) 877-369-2923
www.3M.com/packaging

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