

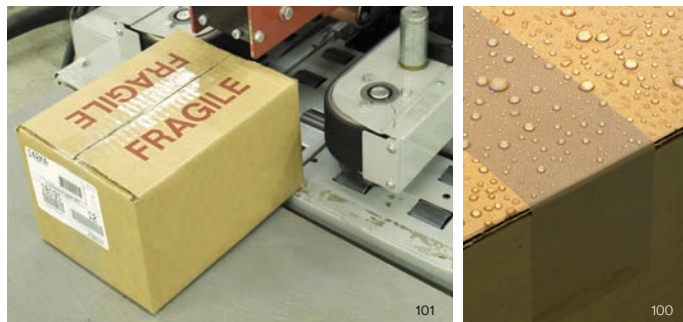


Scotch® and Tartan™ Box Sealing Tapes

Dependability for food and beverage, electronics, e-fulfillment, pharmaceuticals and more.

With choices of polyester or polypropylene backings and synthetic rubber or acrylic adhesives, you have dependability for a wide variety of box types, sizes, contents, handling situations and storage conditions.

- Reliability even with the stresses of over packed or under packed boxes
- Quick, easy application by hand, manual dispensers or 3M-Matic™ Case Sealers
- Choice of lengths, widths, backings, adhesives and colors to meet specific needs



Consistent quality of Scotch® Box Sealing Tapes means fewer interruptions on your packaging line.

Scotch® Box Sealing Tapes with polyester backing and synthetic rubber adhesive resist the moisture in storage and shipping.



Product	Tape Structure (Backing/Adhesive)	Adhesion to Steel oz/in (N/100mm)	Tensile Strength lbs/in (N/100mm)	Elongation at Break (%)	Backing Thickness mils (mm)	Total Thickness mils (mm)	Available Colors/Comments
ASTM Test Method		D-3330	D-3759	D-3759	D-3652	D-3652	
Scotch® Box Sealing Tapes							
311+		38 (42)	25 (438)	125	1.1 (0.028)	2.05 (0.052)	
313	Polypropylene/ Acrylic	32 (35)	35 (613)	125	1.6 (0.041)	2.55 (0.065)	Clear
315		38 (41.5)	23 (403)	200	2.3 (0.058)	3.5 (0.089)	
351	Polyester/ Synthetic Rubber	78 (85)	67 (1174)	130	2.0 (0.051)	3.43 (0.087)	Clear, Tan or Custom Printed
353		45 (49)	25 (438)	110	1.0 (0.025)	1.9 (0.048)	Clear, Tan
355		78 (85)	67 (1174)	130	2.0 (0.051)	3.43 (0.087)	Clear, Tan or Custom Printed
371	Polypropylene/ Synthetic Rubber	40 (44)	22 (385)	160	1.2 (0.030)	1.8 (0.046)	Clear, Tan, Blue, Green, Orange, Red, White, Yellow or Custom Printed
371+		42 (46)	22 (385)	160	1.2 (0.030)	1.9 (0.050)	Clear or Custom Printed
373		50 (55)	30 (525)	160	1.6 (0.041)	2.5 (0.064)	Clear, Tan, Blue, Green, Orange, Red, White, Yellow or Custom Printed
375		55 (60)	35 (613)	160	2.0 (0.051)	3.1 (0.079)	Clear, Tan or Custom Printed
Tartan™ Box Sealing Tapes							
302	Polypropylene/ Acrylic	14 (15)	18 (309)	110	1.0 (0.025)	1.7 (0.042)	Clear, Tan
305		16 (18)	18 (309)	110	1.0 (0.025)	1.8 (0.045)	
369	Polypropylene/ Synthetic Rubber	30 (33)	19 (333)	160	1.0 (0.025)	1.6 (0.041)	

Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.

Box Sealing Tape Selector

Use this selector to help determine a box sealing tape that meets your packaging needs. **The suggestions provided by this method must be confirmed by testing.** Additional packaging and shipping factors should also be considered.

Circle the point value that best describes your operations		
	Point Value	Points
1. How much does the filled box weigh?		
a. 10 pounds	10	
b. 20 pounds	20	
c. 30 pounds	25	
d. 40 pounds	30	
e. 50 pounds	35	
f. 70 pounds	45	
g. 80 pounds	50	
h. 100 pounds	60	
2. What is the carton burst/ECT test?		
a. 150 SW/26	5	
b. 175 SW/29	10	
c. 200 SW/32	15	
d. 250 SW/40	20	
e. 275 SW/44	25	
f. 350 SW/55	30	
g. 200 DW/42	35	
h. 275 DW/48	40	
i. 350 DW/51	45	
3. What is the value of contents?		
a. <\$100	10	
b. \$100-\$1000	25	
c. >\$1000	40	
4. What is the method of shipment?		
a. Palletized and unitized	5	
b. Palletized but not unitized	15	
c. Single	30	
5. Type of carrier		
a. Company truck	5	
b. Commercial transport/LTL	15	
c. UPS/USPS/FEDEX	30	
Total Points		

Choose an effective closure...choose 3M		
205		
195		72mm
180		
165	72mm	
150		48mm
135		
120	48mm	
105		
90	72mm	42mm
75		
60	48mm	
45		36mm
35	42mm	
	36mm	
	Scotch® Box Sealing Tape Recommended for Testing	
Your Total Points	3071	373
	371	313
	371+	3073
	311+	355

These suggestions are based on experience, but there are factors which could alter the overall performance. **For example:**

Cartons with center seam gap greater than 3/4" or over packed/under packed cartons should be tested with 3" (72mm) wide tape

Hard-to-stick surfaces and Recycled Corrugate Boxes, test Scotch® Recycled Corrugate Tape 371+, 3071 and 3073

Box sealing tapes are available custom printed and with standard security messages

Applications when tape is applied under 40°F, test Scotch® Box Sealing Tape 311+, 313 and 3073

If your package is unusual in size, shape, or load, try the 3M Technical Service Request (TSR) Program. Using the 3M TSR Program, a 3M representative will work with you on initial testing of a Scotch® Box Sealing Tape. One or two best options will be identified then a sample of your substrate is brought to the 3M Laboratories and tested for stress or other factors the product will encounter. The 3M test results will help you select the best box sealing tape for your manufacturing process and customer needs.