

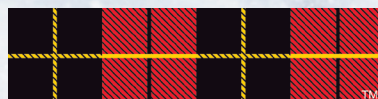
Scotch®

Box Sealing Tape 311+



**Extreme
performance.**

**Even in cold temperatures.
Even on highly recycled
corrugated boxes.**



3M

Scotch® Box Sealing Tape 311+

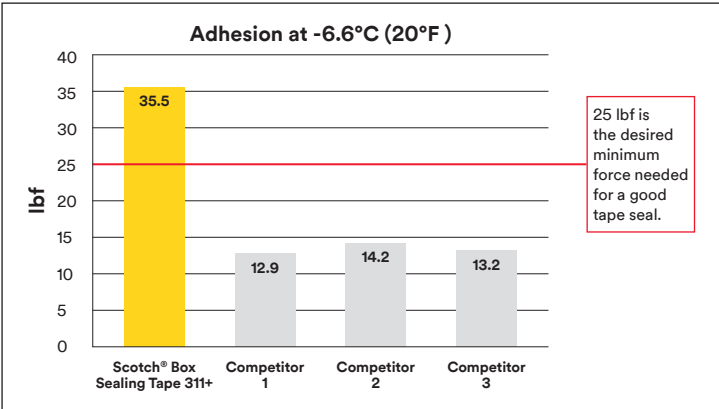
Dependability for Food and Beverage, Electronics, e-Fulfillment, Pharmaceuticals and More

Scotch® Box Sealing Tape 311+ is a high performance industrial packaging tape for box sealing, splicing, recoupage and other demanding packaging applications. This tape offers good performance over broad temperature ranges, specifically in colder and damper applications, and adheres to recycled fiberboard.

- Adheres to a variety of surfaces, including on corrugated boxes with high recycled content.
- Can be applied at freezer and refrigeration temperatures of -6.6°C to 10°C (20°F to 50°F).
- Once applied, performs well on fiberboard boxes subjected to temperatures below 0°C (32°F).
- Quick, easy application by hand, manual dispensers or 3M-Matic™ Case Sealers.
- Available in manual and system lengths.



Scotch® Box Sealing Tape 311+ has good performance in damp and cold shipping and storage environments – even in below freezing temperatures.



Fiber Pull Test

Measures how much paper fiber the tape pulls off the box upon removal. The higher percent fiber pull, the stronger the tape bond is to the box. The following tapes tested were applied and pulled at -6.6°C (20°F).

Tape	Fiber Pull Test Result
Scotch® Box Sealing Tape 311+	High fiber pull, strong bond.
Competitor 1	Low fiber pull, weak bond.
Competitor 2	Low fiber pull, weak bond.
Competitor 3	Low fiber pull, weak bond.

Product	Size	Tape Structure (Backing/Adhesive)	Adhesion to Steel N/100mm	Tensile Strength N/100mm	Elongation at Break (%)	Backing Thickness mm	Total Thickness mm	Available Colors
ASTM Test Method			D-3330-4	ASTM-3759-05	ASTM-3759-05	ASTM-3652-01	ASTM-3652-01	
Scotch® Box Sealing Tape								
311+	48 mm x 66 m 48 mm x 990 m	Polypropylene/ Acrylic	27	393	150	0.028	0.050	Clear



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