

BOX TAPE

TAMPER EVIDENT • TAPES & LABELS



Description

Box tape is a tamper evident laminate that “voids” when removed.

Box Tape is designed for use on cardboard boxes in the packaging industry and other similar surfaces.

Roll Data

	Metric	Imperial
Material Width	27mm up to 150mm	1" to 6"
Roll Length	15M up to 900M	
Core I/D	76mm	3"

Material Data

	Test Method	Metric	Imperial
Film		BOPP	BOPP
Thickness	n/a	50μ	0.00196"
Tensile strength (MD)	ASTM D 882 @ 50%/min	210 MN/m ²	
Tensile strength (TD)	ASTM D 882 @ 50%/min	175 MN/m ²	
Elongation at break (MD)	ASTM D 882 @ 50%/min	85%	85%
Elongation at break (TD)	ASTM D 882 @ 50%/min	105%	105%

Adhesive Data

Adhesive	Formulated hot melt	Formulated hot melt
Adhesive thickness	30 to 40 gsm	
Softening point (Mettler drop point)	92°C	197.6°F
SAFT	59°C	138.9°F
Peel (20 min, glass)	35N / 25mm	309 inch pounds
Peel (24 hours, glass)	37N / 25mm	327 inch pounds
Tack (glass)	60N / 25mm	531
Shear (25mm x 25mm, 23°C, glass)	3 Days	3 Days (1" x1", 73.4°F, glass)
Shear (25mm x 25mm, 40°C, steel)	1.5 hours	1.5 hours (1" x1", 104°F, steel)

Note #1: Tests carried out using 50μ PET, 40gsm – tests cannot be carried out using tamper evident product as the tape is designed to “split” into 2 parts.

Note #2: The ingredients of the adhesive meet the compositional requirements of the American Food & Drug Administration regulations 21 CFR 175.105

Note #3: This product is not designed for food contact.

Note #4: Complies with ISO 17712, C-TPAT, OSHA and FDA standards, TSA -CCSP/CCSF, EU Counterfeit Medicines Directive Compliant

Packaging

20 or 36 rolls per box

Storage

12 to 18 months

For the storage of the Tamper Evident tape it is recommended that dry conditions between 10-20°C (50-68°F), kept in the box, out of direct sunlight.

The Shelf life of the tape we recommend 12 months, however we have tape in the market that is 10 years old and still performing perfectly. We have never changed the raw materials so you will get a very consistent product.

We control the whole manufacturing process as we manufacture from raw adhesive, inks and film. So we can tailor the tightness of the peel through to the colors, and levels of security we add to the tape from numbers through to security cuts to meet customer needs.

This data sheet does not constitute any warranty or specification whatsoever, either express or implied. The final choice of the application of a product is therefore the sole responsibility of the end user.