

TAMPER-EVIDENT SECURITY TAPE

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.

 Applications:

 • Bags
 • Retail Applications
 • Courier
 • Goods-in-transit
 • Postal
 • Banking



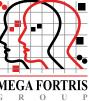
PREVENTION · PROTECTION · PEACE OF MIND

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Tamper-Evident Tapes & Labels · Data Sheet



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TAMPER-EVIDENT LABEL



1 Box tape is a tamper-evident laminate that "voids" when removed.

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

TECHNICAL SPECIFICATIONS

ROLL DATA

| | Metric | Imperial |
|----------------|--------|----------|
| Material Width | 50.8mm | 2" |
| Roll Length | 50m | 164.04ft |
| 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/m2 | |
| Tensile strength (TD) | ASTM D 882 @ 50%/min | 175 MN/m2 | |
| 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 | 40-60 gsm (~40-60 <u>μ)</u> | 1.57 – 2.36 thou | | |
| Softening point (Mettler drop point) | 92ºC | 197.6ºF | | |
| SAFT | 59ºC | 138.9ºF | | |
| 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, 23ºC, glass) | 3 Days | 3 Days (1″ x1″, 73.4ºF, glass) | | |
| Shear (25mm x 25mm, 40ºC, steel) | 1.5 hours | 1.5 hours (1" x1", 104ºF, steel) | | |

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