

PAPER BOX MASTER ROLLS AND LABELS

TAMPER EVIDENT



TAPES & LABELS



Description

Paper tamper evident laminate that “voids” when removed, **100% plastic free**.
Designed for use on cardboard boxes in the packaging industry and other similar surfaces.

| Roll Data | Metric | Material Data | |
|----------------|----------------|-----------------------------|-------|
| Material Width | As shown on DR | Substrate | PAPER |
| Roll Length | As shown on DR | Thickness | 55μ |
| Core I/D | 76mm | Tensile strength (MD) | 6.5 |
| | | Roughness PPS10 TS (μm) | 1.5 |
| | | Transparency (%) | 51 |
| | | Unger Oil Absorption (g/m2) | 0.8 |

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

Variants confirmed on artwork.

Storage

12 to 18 months

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

The Shelf life, we recommend 12 months.

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.

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