

# Kraft Paper Tape

Brown



## Product Description:

Kraft Paper Tape is a strong, eco-friendly tape made from natural paper with hotmelt adhesive. Ideal for carton sealing, it's recyclable, plastic-free, and perfect for sustainable packaging.

| Technical Properties              | Test Method | Unit          | Metric | Unit        | Standard |
|-----------------------------------|-------------|---------------|--------|-------------|----------|
| Total Thickness                   | -           | µm            | 120    | mils        | 10       |
| Paper Thickness                   | -           | GSM           | 70     | -           | -        |
| Breaking Strength (Max,Min 10%)   | AFERA 5004  | kgs/2.5 cm    | 7      | oz./1' inch | 15.43    |
| Elongation (Max,Min 10%)          | AFERA 5004  | %             | 3      | %           | 3        |
| 180° Peel Adhesion (Max,Min 10%)  | AFERA 5001  | gms./2.5 cm   | 2050   | oz./1' inch | 72.31    |
| Shear Strength On Paper (Minimum) | AFERA 5012  | Minutes,      | 250    | Hours       | 4.17     |
| Rolling Ball Tack (± 2 cms.)      | PSTC-6      | cms., Mils    | 14     | Mils        | 551      |
| Tear Strength (Minimum)           | ASTM D-1922 | gf            | 200    | oz./1' inch | 1.37     |
| Unwinding Tension (± 50 gms.)     | -           | gms./2.5 cms. | 30     | oz./1' inch | 1.06     |

### ✓ ADHESION TEST CONDITIONS (ACCORDING TO AFERA 5001) :

- Test specimens should be 24mm min. wide, 300mm long, unwinded from rate of 500 to 750 mm/s, room temperature 27°C.
- Stainless steel plate should be 150mm long, 2mm thick, 50mm width, and cleaned by MEK(methyl ethyl ketone) for every test.

### ✓ ROLLING BALL TACK TEST CONDITIONS (ACCORDING TO PSTC-6) :

- Test specimens should be 24mm wide, approximately 300mm long.
- Rolling ball should be 11mm (7/16") and clean by MEK(methyl ethyl ketone) for every test.
- A working surface that is level,hard and smooth.

### ✓ SHEAR TEST CONDITIONS (ACCORDING TO AFERA 5012) :

- A steel roller should be 85mm in dia., 45mm width, 6mm thick rubber covered, and 2Kg Weight.
- Specimens should be 25mm in width.
- Specimens should be remove from the roll by unwind rate 500 to 750 mm/s.
- Specimens should be taken between above 3 to below 6 outer wraps.
- Testing area should be 23°C in temperature.

### ✓ BREAKING STRENGTH & ELONGATION TEST CONDITIONS (ACCORDING TO AFERA 5004) :

- Test specimens should be 25mm in width, 200mm in length.
- Gauge length should be set on 100mm.
- Specimens should be perfect clamp to the grips of the testing machine.
- Specimens should be taken between above 3 to below 6 outer wraps.

## ADDITIONAL INFORMATION

**SHELF LIFE:** The standard shelf life is 12 months from the date of manufacture. However, this depends on several factors such as storage conditions, handling etc.

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