

BOPP Solvent Tape



Product Description:

BOPP Solvent Tape is designed for heavy-duty, long-lasting carton sealing. Manufactured with a solvent-based adhesive, it delivers excellent tack and strong adhesion even on recycled or rough surfaces. This tape ensures smooth processing and reliable holding power on corrugated and liner board boxes. Its superior strength makes it an ideal choice for demanding shipping and storage conditions.

Technical Properties	Test Method	Unit	Metric	Unit	Standard
Total Thickness	-	µm	45	mils	1.70
Film Thickness	-	µm	25	mils	0.98
Adhesive Thickness	-	µm	20	mils	0.72
Breaking Strength (Max,Min 10%)	AFERA 5004	kgs/2.5 cm	7	oz./1' inch	15.43
Elongation (Max,Min 10%)	AFERA 5004	%	160	%	160
180° Peel Adhesion (Max,Min 10%)	AFERA 5001	gms./2.5 cm	750	oz./1' inch	26.46
Shear Strength On Paper (Minimum)	AFERA 5012	Minutes,	250	Hours	4.17
Rolling Ball Tack (± 2 cms.)	PSTC-6	cms.	7	Mils	276
Unwinding Tension (± 50 gms.)	-	gms./2.5 cms.	600	oz./1' inch	21.16

✓ 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

STORAGE:

Store new stock behind current stock. Store in a clean, dry place. Temperature of 70°F (21°C) +/- 6°F, and 40% to 50% relative humidity are recommended.

SURFACE PREPARATION:

When stored under recommended conditions, converted rolls have an expected shelf life of up to one year from date of shipment. Jumbo rolls have the same expected shelf life, but it is recommended that they are converted within 6 months of date of shipment.