



Self Wound Polyester Overlaminating Film

PHYSICAL SPECIFICATIONS	
Film	Gloss Clear Polyester
Adhesive	Water-based Acrylic
Film Thickness	25 microns (1.0 mil)
Total Tape Thickness (PSTC-33)	42.5 – 45.0 microns (1.7 - 1.8 mil)
Adhesion to Steel (PSTC-1)*	24 – 26 N/100mm (22 – 24 oz/inch)
Elongation (%)	125 %
Tensile Strength	12 – 13 kg/25mm (26 -28 lb./inch)
UV Resistance	Good to Excellent
FDA Approved (Indirect Food Contact)	21 CFR 175.105 & 21 CFR 177.10520
Outdoor Weathering	Fair to Good
Application Temperature	0°C to 65°C (32°F to 150°F)
Operating Temperature	-17°C to 82°C (0°F to 180° F)

* Adhesion PSTC-1, 1 minute on stainless steel at time of manufacture

FEATURES

- PEC-1U is a pressure sensitive polyester film designed for laminating continuous roll printing or sheeting.
- Protects against abrasion and graffiti. Can be cleaned with detergents and solvents.
- Easy release provides noiseless, controlled unwind and consistent removal.
- Water clear, pressure sensitive adhesive provides excellent clarity.
- Superior choice for enhancing a product's appearance and protecting and extending the life of printed labels.
- Adheres well during hot and cold environments.
- Provides excellent protection from **moisture, chemicals, thinners, oils, and acids.**

WARRANTY: *R Tape warrants our material for one (1) year from date of shipment. The shelf life of our material is dependent on storage conditions. We recommend that the end user store the material in the original boxes (out of direct sunlight) from our factory. We also recommend that our material be stored @ 21°C with 50% relative humidity. R Tape only warrants our products to be free from defects in workmanship or defects in R Tape material. We will replace or credit any material deemed defective. No acceptance or responsibility for loss, damage or expense implied or otherwise, shall be assumed by seller or manufacturer. User assumes all risk and liability in connection herewith.*