DESCRIPTION:
844 is a CLEAR Polyester film coated on both sides with a high performance, modified Acrylic Adhesive. This product comes with a **dimensionally stable siliconized RED polypropylene release liner** making it preferred for precision die-cut applications. The adhesive system of this double-coated tape is extremely aggressive, exhibits high shear strength, and will bond well to nearly all materials; even to difficult surfaces like foams, PE and PP films. It has excellent temperature, UV, aging, water vapor, and chemical resistance. Also has good plasticizer resistance.

APPLICATIONS:
- Used for interior or exterior bonding of dissimilar materials where high shear performance is required. Used in sign making, fixing decorative moldings, print finishing and stereo mounting.
- Used for bonding rubber, plastic, metal and wood substrates; for permanent mounting of nameplates and decorative trim on appliances and furniture.
- Used in die cut applications where precise size retention is critical.

PHYSICAL PROPERTIES:
- **Back**ing: 0.48mil (12µ) Clear Polyester film
- **Adhesive**: Modified Acrylic Adhesive
- **Liner**: Red siliconized PP Film
- **Total Thickness**: 7.6 mil (exclusive of liner)
- **Adhesion to SST (FINAT-TM 1)**:  
  - 1 minute dwell: 88 oz/inch  
  - 20 minute dwell: 110 oz/inch  
  - 24 hour dwell: 135 oz/inch
- **Shear Resistance (FINAT-TM 8)**:  
  - Temperature at 23°C (73°F): > 400 hours  
  - Temperature at 70°C (158°F): > 6 hours  
  - Minimum Application Temperature: >+15°C (59°F)
- **Temperature Resistance**: -40°F to 320°F Long Term, up to 356°F short term
- **Shelf Life**: 2 years at 68°F and 50% relative humidity

**NOTE**: The physical properties listed above are typical test results obtained from a series of laboratory tests and should not be used for the purpose of writing specifications. Before using this product, user shall determine the suitability of the product for his/her use; and user assumes all risks and liabilities in connection therewith. All test procedures used are in accordance with ASTM and PSTC methods.