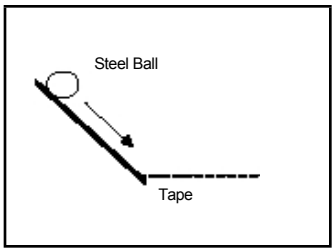
RESOURCE PAGE

HOW TO MEASURE STICKY

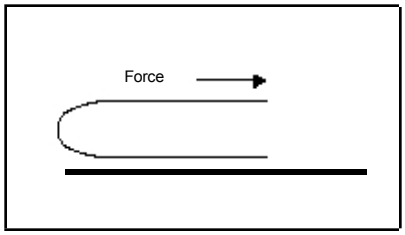


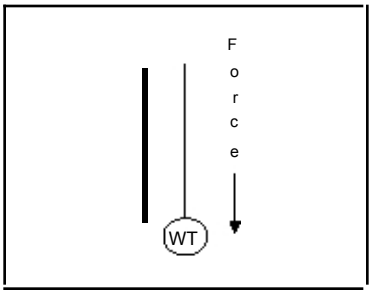
TACK Adhesion

Tack is the property that enables an adhesive to form a bond with the surface of another material upon brief contact under light pressure. One way you can measure tack (P.S.T.C. *6 standard test) is to roll a stainless steel ball down an incline onto the adhesive. The less "tacky" the adhesive, the further the ball rolls.

PEEL Adhesion

Resistance to peel is determined by measuring the force required to peel away a strip of tape from a rigid surface. The amount of force needed to remove the tape, peeled at 180° at a specified speed, yields a value measured in English or metric units. (P.S.T.C. 1 and 3 standard tests.)





SHEAR Adhesion

Shear adhesion - or holding power - can be characterized as a resistance to flow or movement under stress. Shear is measured by the amount of time necessary for a tape sample to separate from a parallel test surface to which it has been adhered. (P.S.T.C. standard test.)

*P.S.T.C. is the Pressure Sensitive Tape Council.

QUICK Stick

Quick stick is the property of a pressure sensitive tape which causes the tape to adhere to a surface instantly, using no external pressure to secure more thorough contact. Measured in oz./in. as the force required to remove the tape at a 90° angle from a stainless steel panel. (P.S.T.C. -5 Standard test)