

Ribbon peel

The wide variety of ribbon sizes, loop heights and spans calls for flexibility in bond test methodology which is catered for with the Nordson DAGE bondtesters.

A critical aspect of the ribbon peel test methodology is that a true 90 degree angle to the bond is maintained ensuring that a linear load is applied. Nordson DAGE provides this by using software to control the standard tweezer and the XY stage.

Measuring the strength of the bond between different materials is important both for quality control and for assessing the effect of changing materials and surface treatments.

The force measured often depends on substrate properties (dimensions, elastic modulus and plasticity) and in the case of an adhesive, adhesive thickness.



<https://youtu.be/fpiTCrISdz4>

