

Cross Hatch Adhesion Tester



Adhesion Tester appropriated to measure the adhesion of coatings or paints.

The cross cut test uses a blade to cut through the coating to the substrate. At least two cuts are made that intersect at 90 degrees to get a right angle lattice pattern. The cross-cut area is observed for any adhesion failure. After applying a normalized adhesive tape the resistance to separation can be observed on the tape by using a loupe.

Standards

ISO 2409, ASTM D 3359, DIN 53151.



Cutter blade

- » Round Blade 1 mm, 6 cuts, (0-60 µm) thickness
- » Round Blade 2 mm, 6 cuts, (60-120 µm) thickness
- » Round Blade 3 mm, 6 cuts, (121-250 µm) thickness
- » Round Blade 4 mm, de 5 cuts, (thickness >250 µm)
- » Round Blade 1mm, 11 cuts - special application



Adhesive tape blade

- » Adhesive Tape UNE EN ISO 2409:2020 6,25N/25mm (66m x 50 mm)
- » Adhesive Tape (old standard) 10N/25mm (33m x 25 mm)
- » Adhesive Tape - (77N/100 mm) – FORD
- » Adhesive Tape 2525 - Renault
- » Adhesive Tape 4651 - Opel
- » Adhesive Tape 4657 - Volkswagen