



# MILESTONE INSTRUMENTS

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## MI.GE-1007.3 Trapezoidal Tear Resistance Test

Geo textiles can be cut or punctured during field installation, which can create a possible condition by which strength is controlled by a tearing resistance. An outline of an isosceles trapezoid is marked on a rectangular specimen with size of 200 mm x 76 mm cut for the determination of tearing strength, is 15 mm cut and the nonparallel sides of the trapezoid marked on the specimen are clamped in parallel jaws of the Tensile Testing System.

### Technical Specifications:

Sample size	76×200 mm
Distance between the clamps at the start	25 mm
Cut on specification	15 mm
Speed of Test	300 ± 10 mm /min
Related Standards	ASTM D 4533, ISO 9037.4, IS-14293

