



MILESTONE INSTRUMENTS

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MI.GE-1020 Flexural Rigidity Tester

This test method is considered satisfactory for manufacturing quality control testing of a specific geo synthetics however, caution is advised since information about between-laboratory precision is incomplete. Comparative tests as directed.

This test method is not suitable for very limp geo synthetics or those that show a marked tendency to curl or twist at a cut edge.

The stiffness of a geo synthetic may change with storage.

This test method covers the measurement of stiffness properties of geo grids, geo textiles and geogrid-geotextile composites all of which are referred to as Geo synthetics within this test method. Bending length is measured and Flexural rigidity is calculated through use of the cantilever test procedure.

This test method applies to geo-grids, geo-textiles and geogrid-geotextile composites.

Technical Specifications:

Horizontal Platform	100×900 mm
Movable Slide	50×200 mm
Specimen Feed	motorized
Specimen Feed speed	120 mm/min
Indicator, inclined	41.5 degree adjustable.
Related Standards	ASTM D 7748

