

Testing of Geosynthetics, Geotextiles & Geogrid

We are offering tailor-made test systems for tensile tests on Geosynthetics, geotextile specimens including woven fabrics, nonwoven fabrics, layered-fabrics, knit fabrics, and felts that are used for geotextile application according to ISO 10319, ISO 12236, ASTM D6241 and other international standards. We are offering solutions for testing at low, ambient and elevated temperatures.

Our electromechanical LFM Test Systems are available with suitable accessories for testing of geotextiles and related products. Suitable hydraulic, pneumatic, or mechanical specimen grips, non-contacting extensometer, if needed environmental chamber with required grip to grip spacing inside the chamber and pre-defined software templates guarantee easy, productive and accurate testing of these materials and products.

CBR static puncture test fixtures according to ISO 12236 or ASTM D6241 for the determination of the puncture resistance of geotextiles or other grips and fixtures can easily be added and installed into the Testing Machine.



Variety of Grips

Testing of these materials requires the correct grips that will hold your samples without slippage or damage and can accommodate wide-width specimens. With years of experience in this field we are offering a wide range of particularly designed grips for geotextiles.

The company also offers a wide range of puncture rigs.



Extensometer

In specific applications the elongation has to be measured over a particular section. For these applications we are offering the suitable non-contacting video or laser extensometers that can be used with this type of material.