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MI MILESTONE INSTRUMENTS

WZ-8 D DAYAL SAR COLONY UTTAM NAGER DELHI-110059 INDIA
Email:- info@milestoneinstruments.com, milestoneinstrumentsindia@gmail.com
Website:-www.milestoneinstruments.com
☎ +91 9891199011, +91 11 25332422

MI.GE-1007.5 Puncture Test for geotextile

ASTM D4833 is used for evaluating the puncture strength of sharp objects such as rocks and stones that rest within soil. This test is typically conducted on geotextiles which are used in the agriculture industry.

The Geotextile specimen is clamped to obtain an inside dia of 44.45 mm and force is applied through an 8 mm dia plunger till failure. The puncture strength so obtained is felt to reflect the fabric's ability to withstand aggregate penetration.

Technical Specifications:

Inner diameter of Clamp	44.45 mm
Plunger diameter	8 mm with 45 degree bevelled or chamfered edge
Related standards	ASTM D 4833, ASTM D6241, ASTM D3787, ASTM D6797.

