ASTM D1004

GRAVES TEAR STRENGTH

GENERAL PRINCIPLE

This test method covers the determination of the tear resistance of flexible plastic film and sheeting at very low rates of loading. The test is designed to measure the force to initiate tearing. The maximum stress, usually found near the outset of tearing, is recorded as the tear resistance in pounds (force).

A section of matting is subjected to longitudinal force applied at a rate of 2 inches per minute.

(1 Inch = 2.54 cm)

TEST RESULTS

SAMPLE THICKNESS	0.4 Inch
TEST SPEED	2Inch/min
AVERAGE TEARING STRENGTH	16 Lbs

1 Pound (Lbs) = 0.45 kg

INTERPRETATION OF THE RESULTS

The results of the test are expressed, as the pounds of force required to cause tearing of the mat. In this case, the pounds of force required to cause tearing of the mat is 16 Lbs.

The most meaningful interpretation is to compare the Graves Tear Strength results of all NOTRAX® Industrial Floor Matting products.

All testing of NOTRAX® Floor Matting has been performed by an independent testing laboratory.

NOTRAX® FLOOR MATTING