

The force required to break a one inch (2.5 cm.) sample of the membrane when pulled in opposite directions.

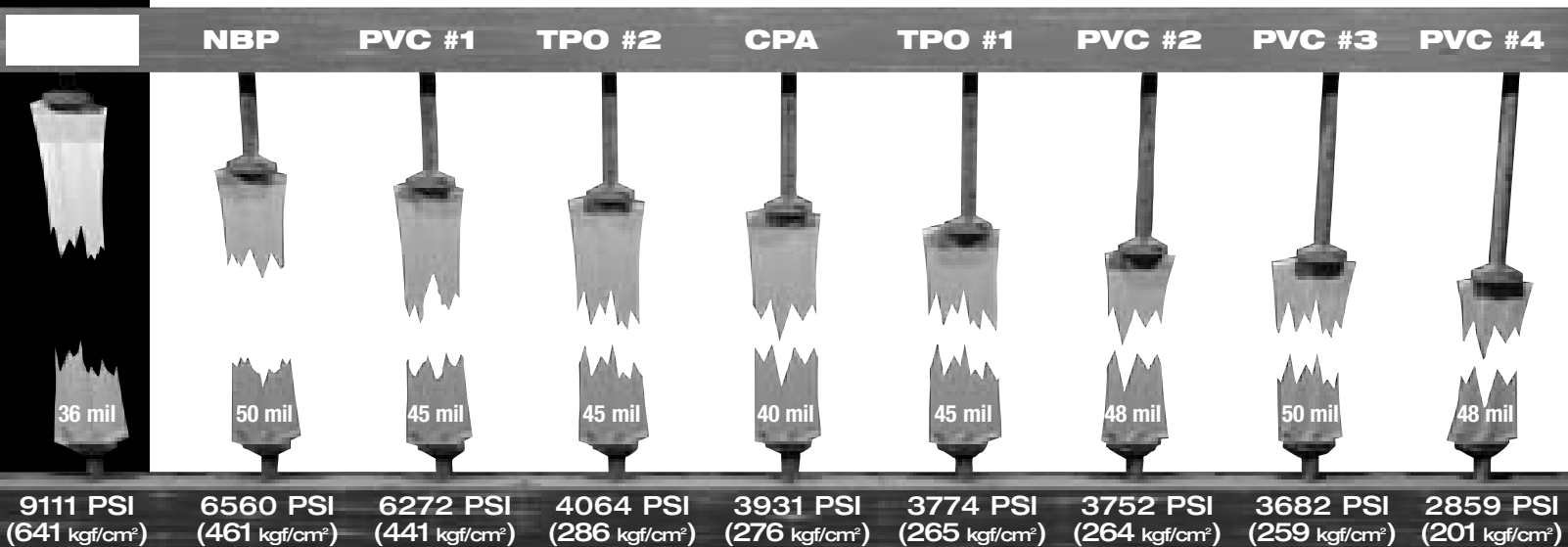
This test is similar to the Grab Method except that the test specimen is only one inch (2.5 cm.) wide. The results are reported in pounds per square inch (Kilograms per square centimeter).

* All results have been reported in the machine direction (MD) of the fabric, at fabric break.

ASTM D882

TENSILE PROPERTIES

OF PLASTIC SHEETING



The physical property relates to the ability of a membrane to withstand stresses that might be imposed by building movement, wind uplift and thermal stress. The presence of reinforcing material and the type of material used as reinforcement will greatly affect tensile strength.

A good balance of high tensile and elongation is required to prevent a membrane from rupturing under stress.



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