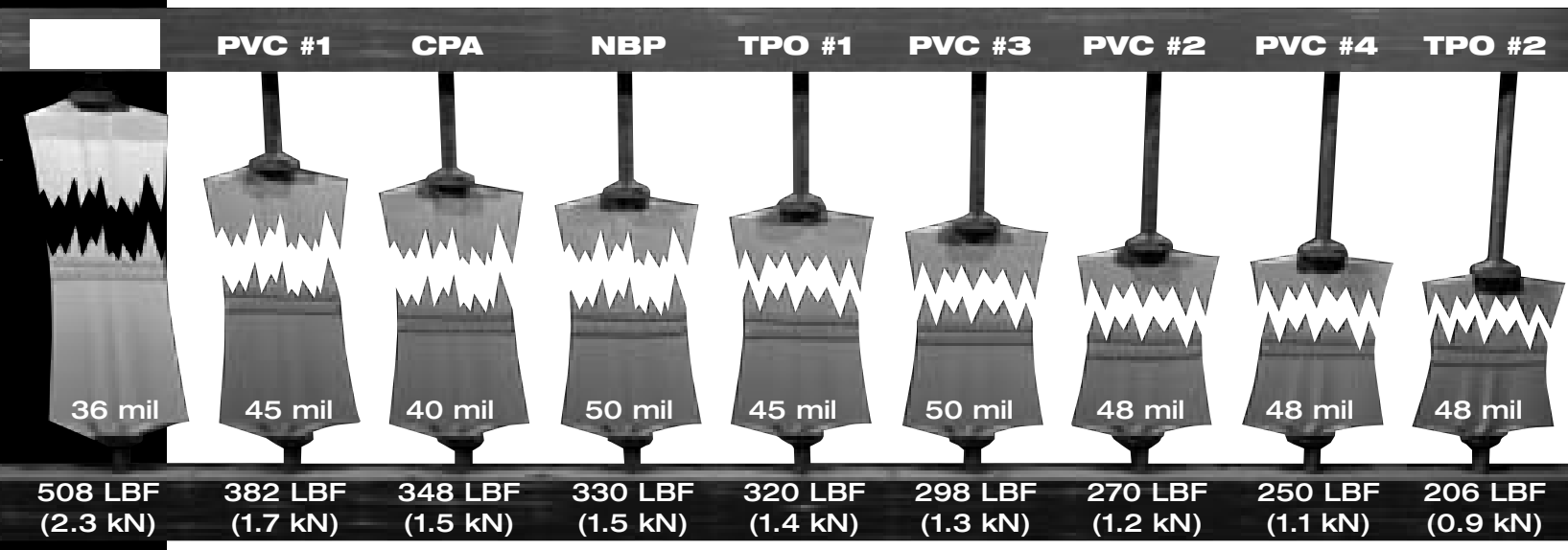
The maximum force required to break a welded sample of the membrane when pulled in opposite directions.

This is done by cutting a 4 inch x 6 inch (10 cm. x 15 cm.) sample with a 1.5 inch (4 cm.) seam centered in the sample, clamping it in 1 inch (2.5 cm.) jaws and pulling it to break. The results are reported in pounds-force (KiloNewtons) to break.

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

ASTM D751
BREAKING STRENGTH - GRAB METHOD (MODIFIED) WITH HEAT WELDED SEAMS



This test is significant to forecasting the overall performance of the field seams. The physical property relates to the ability of a roofing membrane to remain intact and watertight when exposed to the forces exerted on a roof system.

These forces are often caused by high winds, thermal and/or structural movement.

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Test Results According to ASTM Standards as Performed and Reported by Structural Research, Inc. 0106