

The maximum force required to break a 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, 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

Fiberlite

NBP PVC #1 TPO #1 PVC #3 TPO #2 CPA PVC #2 PVC #4



The physical property relates to the ability of a membrane to withstand forces within the roofing environment.

These forces come from wind loads, thermal and/or structural movement pulling on mechanically attached membrane.

Low breaking strength could result in the membrane tearing or breaking away from its attachment.



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