NFPA 701 Field Test

Flamecheck M-111

Flamecheck
Simply Safer.

NON TOXIC
100% NATURAL ECO FRIENDLY

REGISTERED FLAME RETARDANT
STATE OF CALIFORNIA STATE FIRE MARSHALL
C-27001

How to run a NFPA 701 field test:

1. Treat fabric with Flamecheck™ M-111. Allow to dry.
2. Cut a fabric sample (1" x 6") from the item to be tested.
3. Attach to a wire coat hanger or use metal tongs to hold the sample away from your fingers. Make sure you conduct this test over a sink or somewhere safe, not near combustible materials.
4. Take a gas lighter and hold the flame under the sample so that it touches the bottom of fabric (about ¼ to ½ inch into fabric). Keep flame in the same position without moving upward toward the material. The test the fabric must remain at the same height for the duration of the test, do not move closer to the flame if the material draws away from the flame.
5. Hold flame in same position for 12 seconds. Remove the flame and the material should immediately extinguish itself.
6. If the treated material does not continue to burn, drip fire or afterglow for 2-seconds after the removal of the flame your treatment is effective.
7. Item should not lose more than 10% of it's weight from the fire.
8. If treated sample fails test, then retreat and test again.
9. Industry standard for fire retardants is 15-20% on dry weight of fabric.
10. Always test to verify your application is successful to pass NFPA 701 field test.

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