

TEST: CFR TITLE 16 – PART 1630

Standard for the Surface Flammability of Carpets and Rugs (FF 1-70)

SCOPE

All large carpets and rugs sold in the U.S. (Products exceeding 24 ft² or having a long dimension greater than 6 ft.)

PURPOSE OF TEST

To determine the surface burning of carpeting when exposed to a small-scale burning source that attempts to simulate a burning source such as a burning ember from a fireplace.

BRIEF DESCRIPTION OF TEST

The test material, 9" x 9", is laid flat. The outer edge is covered with a metal frame, exposing an 8" circle. A methenamine tablet is placed in the center of the test material and ignited. The tablet burns for about 90 seconds. The ignition flame is approximately 0.5" in diameter and 1" in height. The test records the distance burned (char length) beyond the original ignition point. The further the burning progresses, the lower the reported "Distance" value. Any reported "Distance" of 1" or less is considered a failure.

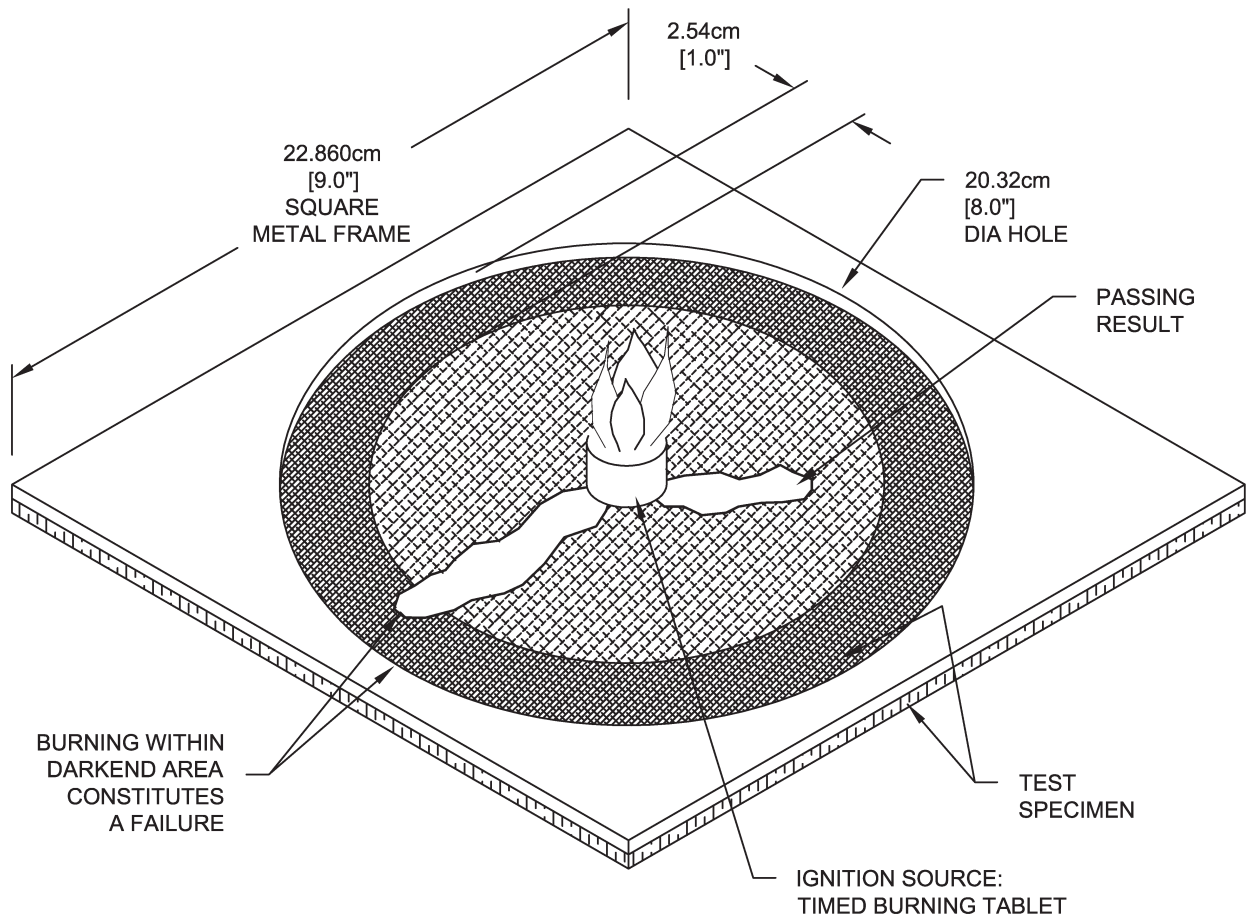
ACCEPTANCE CRITERIA

Distance Between Furthest Point of Burning and Edge of Flattening Flame

1" minimum

NOTE

For small carpets and rugs, see CFR 1631.



CFR TITLE 16 PART 1630

Standard for the Surface Flammability
of Carpets and Rugs (FF 1-70)