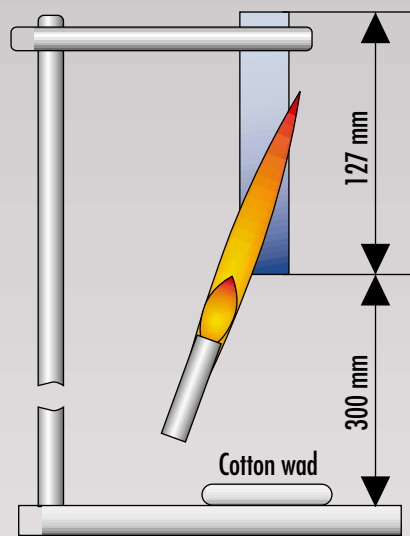


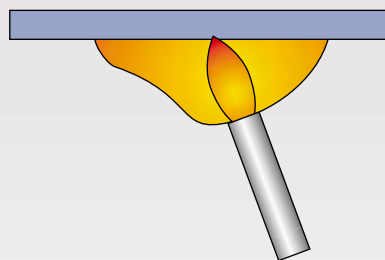
**Test using larger flames in accordance with IEC 60695-11-20; EN 60695-11-20; VDE 0471 Part 11-20, UL 94, Test Method 94-5 V and CSA 22.2 No. 0.6 Test c – Vertical Burning Test**

The specimen is positioned vertically and a Bunsen burner flame (125 mm/40 mm) is applied to its bottom edge five times for 5 seconds with 5 second intervals between each application. In a variant of this method, plaques are tested in a horizontal position, with the flame being applied to the underside of the specimens. A note is made of whether the specimens continue to burn and whether there is any dripping of burning particles. Burning time must not exceed 60 seconds, and there must be no dripping from the specimen after the ignition source is removed for the fifth time. The specimen must not burn away completely.

**UL 94-5V flammability test**



Flame applied to **bars**  
at an angle of 20°  
20 bars (125 x 13 x ≤ 13 mm)  
Flame height 125 mm  
5 applications of 5 seconds duration  
with 5-second intervals



Flame applied to **plaques**  
at an angle of 20°  
12 plaques (150 x 150 x ≤ 13 mm)  
Flame height 125 mm  
5 applications of 5 seconds duration  
with 5-second intervals

**Assessment criteria for UL 94-5VA, 94-5VB**

	94-5VA	94-5VB
Burning and glowing time after 5th flame application (bar)	≤ 60 s	≤ 60 s
Ignition of cotton wadding	no	no
Specimen (plaque) exhibits burn-through (hole)	no	yes

Fig. 7