

Flame tests for electrical cables

Flame tests for electric cables UL 1581 section 1060 (FV-1 / Vertical Flame and FT1 Test)

Description	UL 1581, § 1060 (FV-1 / Vertical Flame and FT1 Test)
Length of specimen	457 - 610 mm
Burner	Bunsen burner with additional air supply (Tirril gas burner) Ø 9.5 mm
Test temperature	500 W flame
Position of specimen	vertical
Position of flame	20° to vertical specimen
Duration of flaming	5 x 15 seconds with each 15 seconds flaming break
Conditions	<p>Paper max. 25% carbonized. The specimen may keep on burning for max. 1 minute after the last application. Cotton shall not ignite itself (not valid for FT1 test)</p> 