



**DANISH
TECHNOLOGICAL
INSTITUTE**

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Test Report

Material: Cutting of red upholstery fabric, designated: Field
Composition: 100 % Trevira CS
(Customers information).
Approx. mass per unit area: 330 g/m²

Sampling: The material was submitted by the assignor and received on Danish Technological Institute 06 November 2009

Method: Testing of flammability according to Federal Aviation Regulations, FAR § 25.853(a), appendix F, part I (a) (1) (ii). Vertical test: Bunsen burner flame is applied to specimen for 12 sec. (ignition time).

Details of the test are given on page 2.

Period: The testing was completed 09 November 2009

Results:

Test (ii) 12 sec.	Average After flame Time [sec.]	Average Drip Extinguishing Time [sec.]	Average burn length
Sample. Fabric length.	0	0	108 mm (4,3 inch)
Sample, Fabric width.	0	0	106 mm (4,2 inch)
Requirements for passing:	<15	<5	203 mm (8 inch)

According to the requirements of flammability specified in FAR § 25.853(a), appendix F, part I (a) (1) (ii) the upholstered fabric **meets** the requirements for passing.

Terms: The test was performed according to the rear side conditions, which are according to the guidelines laid down by DANAK (The Danish Accreditation). The testing is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

09 November 2009, Danish Technological Institute, Textile

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Material under test: Cutting of red upholstery fabric, designated: Field
Composition: 100 % Trevira CS
(Customers information).

Method: Testing of flammability according to federal aviation Regulations, FAR § 25.853(a), appendix F, part I (a) (1) (ii). Vertical test: Bunsen burner flame is applied to specimen for 12 sec. (ignition time).

Specimens were cut in each of the direction of the fabric length and width.

Conditioned for 24 hours at 22 °C and 50 % RH

Three specimens in each fabric directions were tested. The flame was applied for 12 sec. as specified for materials covered by paragraph (a) (1) (ii) of part 1 of appendix F.

Results, continued:

Test (ii) 12 sec.	After flame Time [sec.]	Drip Extinguishing Time [sec.]	Burn length
Length	0	0	105 mm (4,1 inch)
	0	0	115 mm (4,5 inch)
	0	0	105 mm (4,1 inch)
Average	0	0	108 mm (4,3 inch)
Width	0	0	105 mm (4,1 inch)
	0	0	108 mm (4,3 inch)
	0	0	105 mm (4,1 inch)
Average	0	0	106 mm (4,2 inch)
Requirements for passing	<15	<5	203 mm (8 inch)

The upholstered fabric specimens **meet** the requirements for passing.