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Die Akkreditierung gilt für die in der Urkunde
aufgeführten Prüfverfahren



Durch die Zentralstelle der Länder für Sicherheitstechnik (ZLS)
akkreditierte Prüfstelle für Produkte im Sinne der EG-Richtlinie
für Persönliche Schutzausrüstungen 89/686/EWG
und des §9 Abs. 2 Gerätesicherheitsgesetz



Von der Internationalen Gemeinschaft für Forschung und
Prüfung auf dem Gebiet der Textilökologie (Öko-Tex)
zugelassenes Prüfinstitut im Rahmen der Zertifizierung
nach Öko-Tex Standard 100



UNTERSUCHUNGSBERICHT | TESTREPORT

Order No. STFI:
Order No applicant :

0001/07

-

Date:
Testing officer:

12 January 2007
Beier/Mehnert

Applicant:

Madeira Rudolf Schmidt KG
Mr. Martin Lohe
Zinkmattenstraße 38
79108 Freiburg
GERMANY

Testing application:

of
order receipt on
sample receipt on

29. December 2006
02 January 2007
02 January 2007



Test specimen: Embroidery for heat and flame protective clothing

Marking by applicant: _____ **Coding for test:** _____

Embroidery made of spun yarn FIREFIGHTER 130dtex x 2, needle and lower thread 100% Nomex, applied on Nomex woven fabric, approx. 260 g/m² without embroidery backing sample 0001-07

Sampling was carried out by applicant. In the testing department are no knowledge's about method of sampling.

Test program: Fabric tests for heat protective clothing

Property	Test method
Limited flame spread New and after 5 washing cycles	ISO 15025 method A, 10s surface ignition EN ISO 6330:2000, method 2A+E

Test result:

Fabric property	Dim.	Test data flame impingement on different positions of the embroidery	
		NEW	AFTER WASHING
Limited flame spread			
further flaming to top or sides		no	no
hole formation		no	no
flaming, melting debris		no	no
afterflame time	s	0	0
afterglow time	s	0	0

Remarks:

Under consideration of the technical details described under "marking", the test results show that the embroidery doesn't influence the burning behaviour of the main material. For such embroideries on materials identical with the tested samples no adverse effects of the burning behaviour can be expected.

The test results refer to the delivered specimen. The test values are average values, statistical information about the test data's exist in the testing department and can be viewed when required. This test report should not be published in parts.

M. Mägel

Dr. Matthias Mägel
Head of the testing department



L. Mehnert

Dipl.-Ing. Lore Mehnert
Responsible testing officer