THERMO-MAN®
THERMAL PROTECTION EVALUATION SYSTEM

TEST SPECIFICATIONS

File Name	E081217C
System Identification	TMANPORT-E
Run Identification	ETC/JGM/MM
Time of Test	Wed 17-Dec-08 09:15
Garment Identification	NOMEX(R) TI-TECH.
Exposure Time	8 sec
Exposure Heat Flux	2 cal/(cm²*sec)
Scan Interval	.5 sec
Acquisition Time	60 sec

Garment/Fabric Comments

JACKET AND TROUSERS MADE OF NOMEX(R) TI-TECHNOLOGY 220G/M2
MEMBRANE GORE-TEX(R) AIRLOCK 225G/M2 WITH NOMEX(R)/VISCOSE INNER LINER 130G/M2
JACKET PS6808 AND TROUSERS PS6859
FROM VIKING

Test Remarks/Pre-Test Comments

[none]

Exposure Remarks/Post-Test Comments

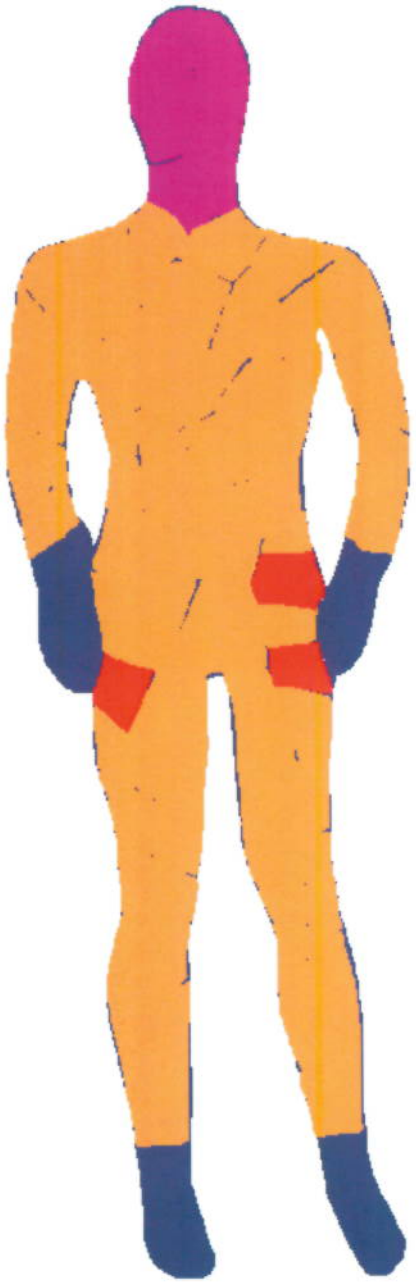
42.5 afterflame during the whole aquisition time

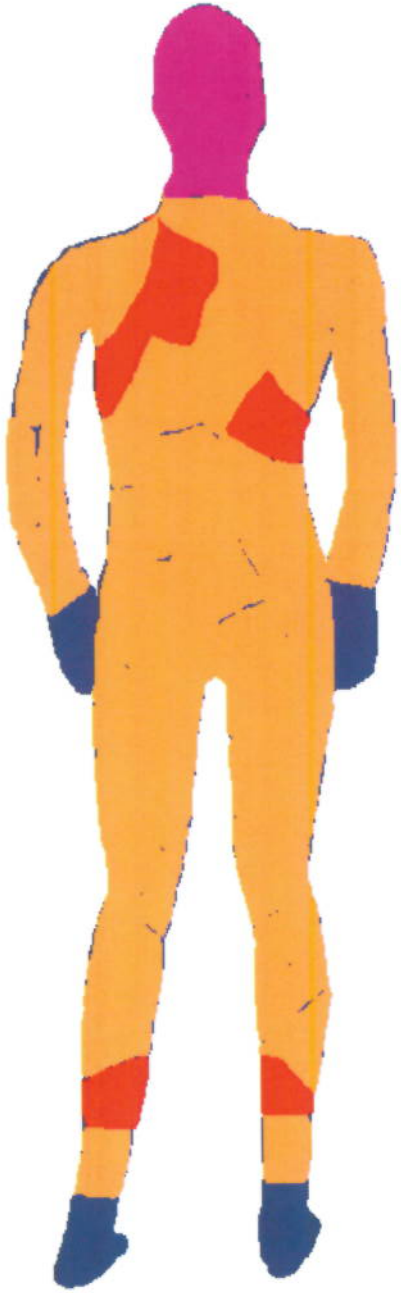
PROTECTION EVALUATION SUMMARY
MANIKIN BURN INJURY PREDICTION

2nd DEGREE BURN	7 %
3rd DEGREE BURN	7 %
TOTAL PREDICTED BURN INJURY. . . .	14 %

For further information, contact:

Du Pont de Nemours International S.A.
Nomex® Protective Apparel Team
P.O. Box 50
CH-1218 Le Grand-Saconnex / Geneva
Switzerland
Tel. 41 22 717 5167





FRONT

REAR

E081217C

DUPONT

REG. U.S. PAT. & TM. OFF.

THERMO-MAN®

THERMAL PROTECTION EVALUATION SYSTEM

BURN INJURY PREDICTION

ETC/JGM/MM
NOMEX(R) TI-TECH.

EXPOSURE TIME = 8.0 sec

2nd DEGREE BURN = 7%
UNPROTECTED

3rd DEGREE BURN = 7%
UNPROTECTED

NO INFORMATION

TOTAL BURN INJURY
14%

DUPONT

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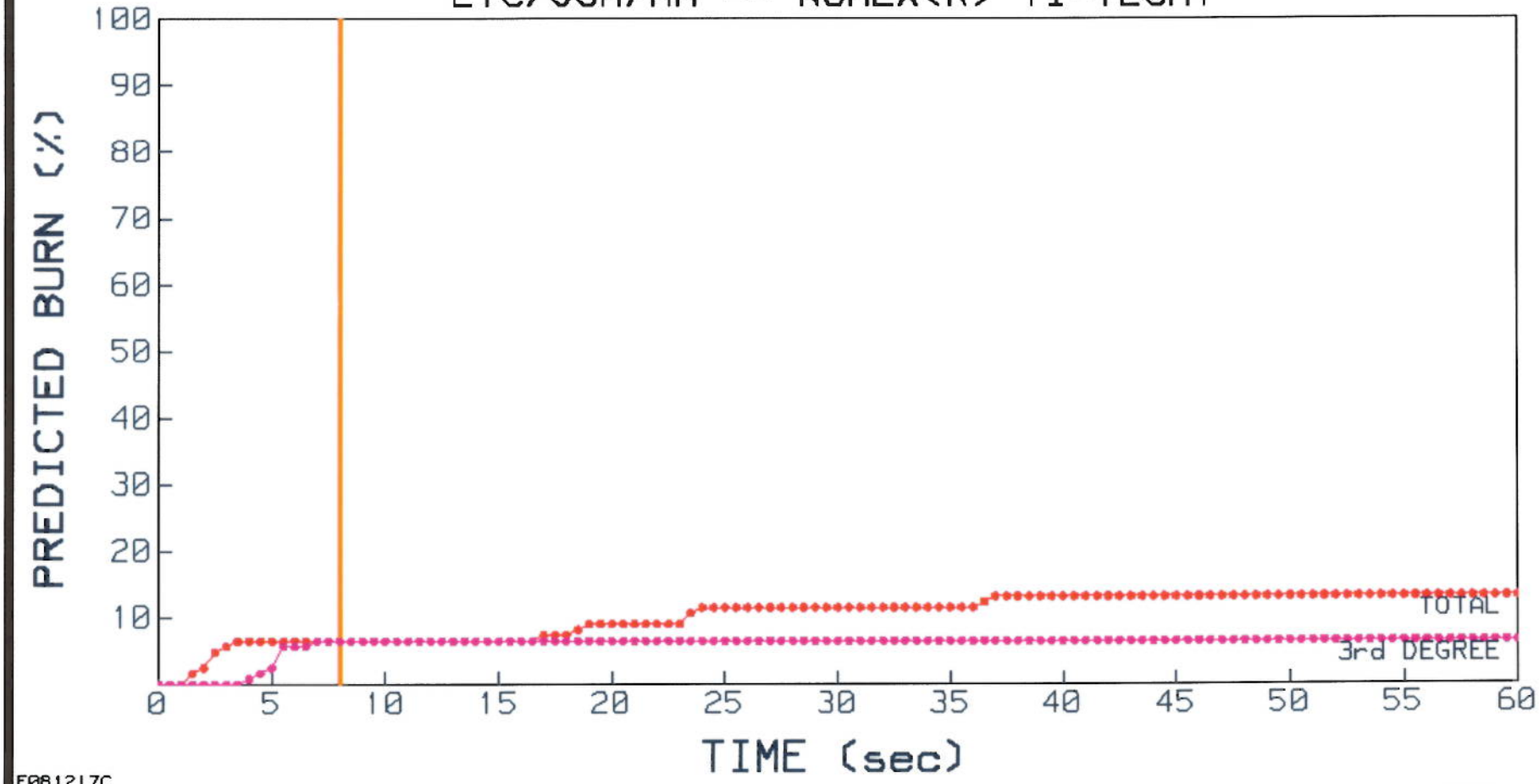
THERMAL PROTECTION EVALUATION SYSTEM

BURN INJURY vs. TIME
RESULTING FROM 8 SECOND FLASH FIRE

ETC/JGM/MM -- NOMEX(R) TI-TECH.



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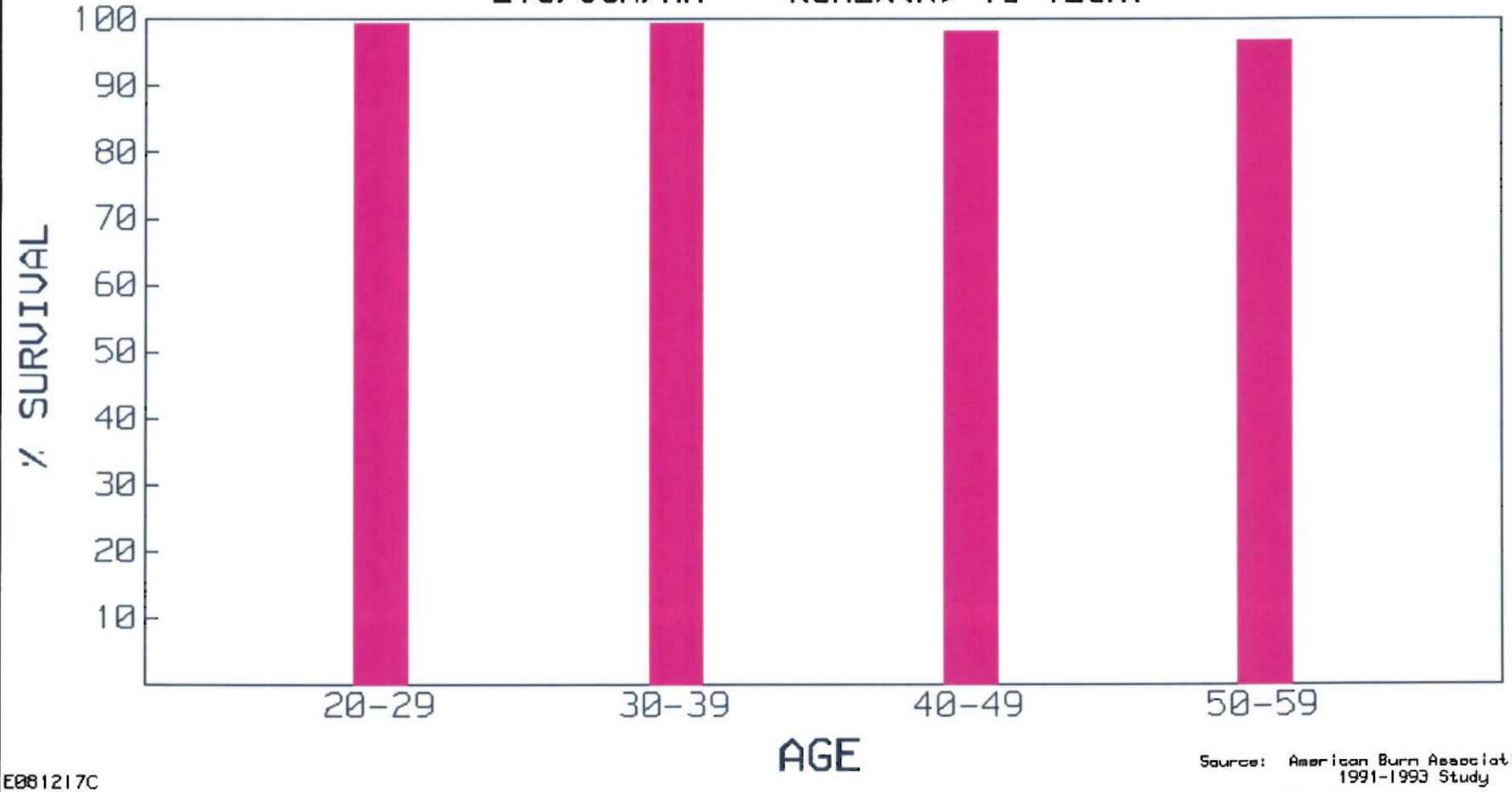
THERMAL PROTECTION EVALUATION SYSTEM

BURN INJURY SURVIVAL

8 SECOND FLASH FIRE; 14% PREDICTED BODY BURN
ETC/JGM/MM -- NOMEX(R) TI-TECH.



Source: American Burn Association 1991-1993 Study

E081217C