

THERMO-MAN®
THERMAL PROTECTION EVALUATION SYSTEM
Copyright © 1992 E.I. du Pont de Nemours & Co. (Inc.)

TEST SPECIFICATIONS

File Name	E070328K
System Identification	TMANPORT-E
Run Identification	ZAGREB/PC/AC/SB
Time of Test	Wed 28-Mar-07 16:00
Garment Identification	NOMEX(R) COMFORT
Exposure Time	4 sec
Exposure Heat Flux	2 cal/(cm ² *sec)
Scan Interval	.5 sec
Acquisition Time	60 sec

Garment/Fabric Comments

COVERALL MADE OF NOMEX(R) COMFORT 200 G/M2
WITH STANTARD COTTON UNDERWEAR 175 G/M2

Test Remarks/Pre-Test Comments

[none]

Exposure Remarks/Post-Test Comments

7.9 seconds afterflame

PROTECTION EVALUATION SUMMARY
MANIKIN BURN INJURY PREDICTION

2nd DEGREE BURN	20 %
3rd DEGREE BURN	12 %
TOTAL PREDICTED BURN INJURY....	32 %

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



THERMO-MAN®

THERMAL PROTECTION
EVALUATION SYSTEM

© 1992 E.I. du Pont de Nemours & Co.

BURN INJURY PREDICTION

ZAGREB/PC/AC/SB
NOMEX® COMFORT

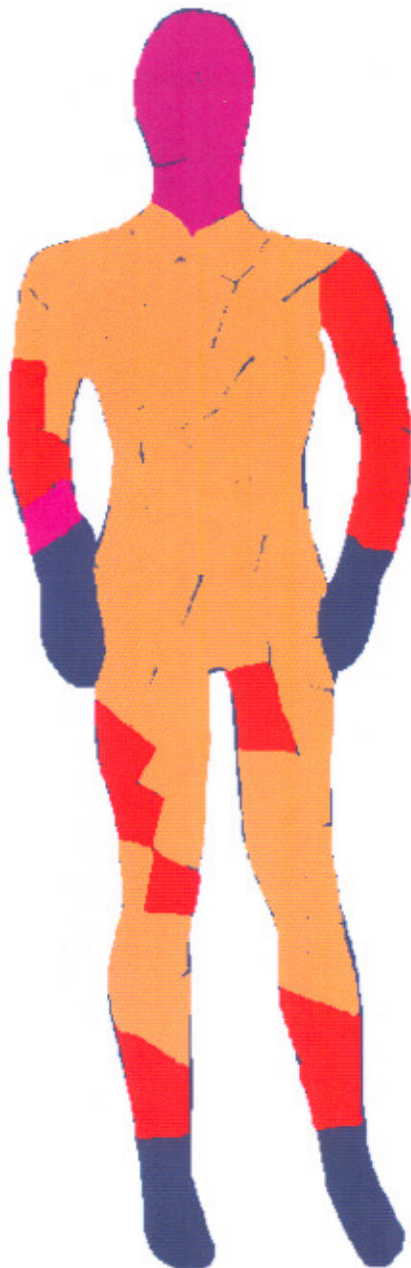
EXPOSURE TIME = 4.0 sec

 2nd DEGREE BURN = 20%
 UNPROTECTED

 3rd DEGREE BURN = 12%
 UNPROTECTED

 NO INFORMATION

TOTAL BURN INJURY
32%



FRONT



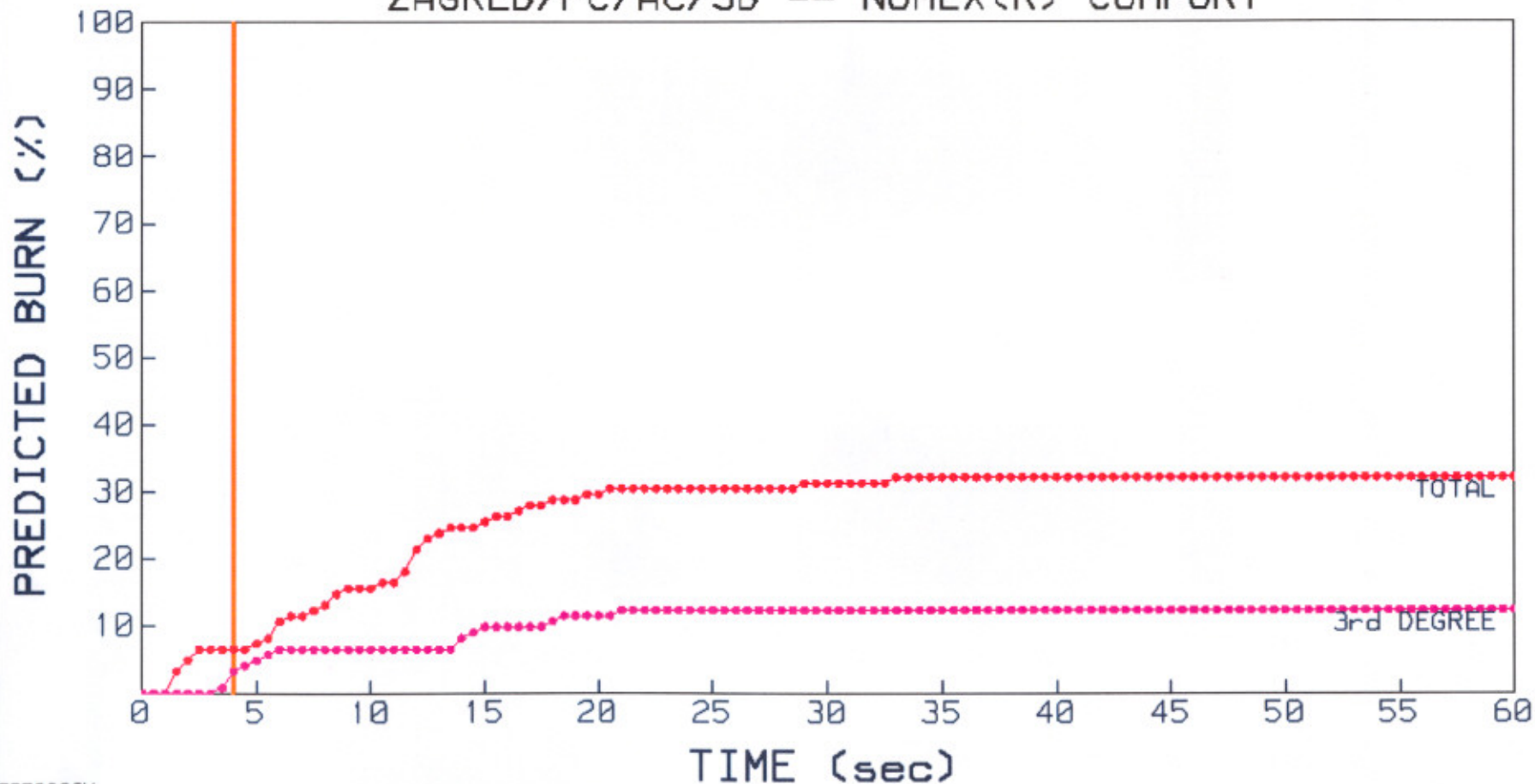
REAR



THERMO-MAN®
THERMAL PROTECTION EVALUATION SYSTEM

© 1992 E.I. du Pont de Nemours & Co.

BURN INJURY vs. TIME
RESULTING FROM 4 SECOND FLASH FIRE
ZAGREB/PC/AC/SB -- NOMEX(R) COMFORT



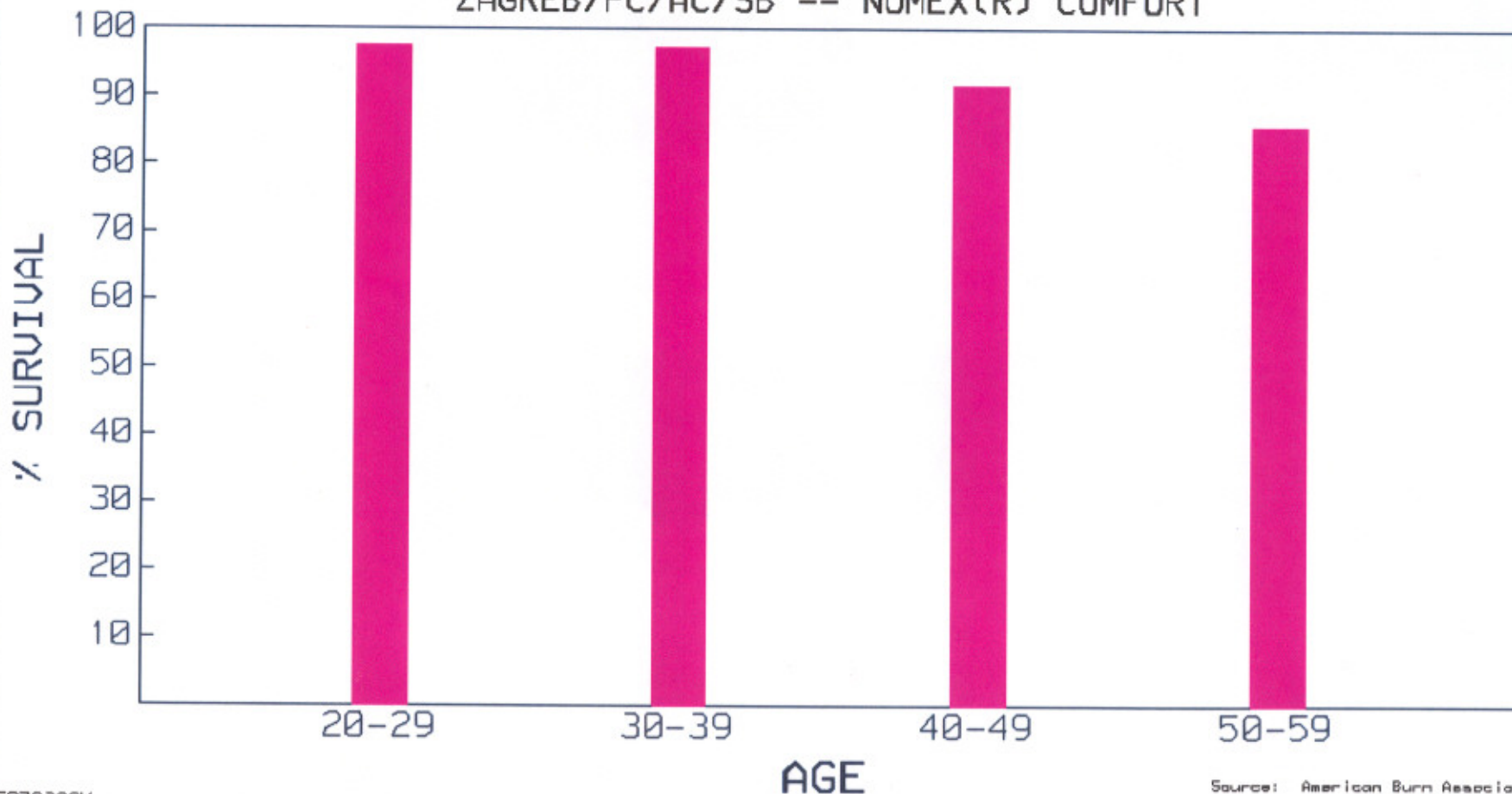


THERMO-MAN®
THERMAL PROTECTION EVALUATION SYSTEM

© 1992 E.I. du Pont de Nemours & Co.

BURN INJURY SURVIVAL

4 SECOND FLASH FIRE; 32% PREDICTED BODY BURN
ZAGREB/PC/AC/SB -- NOMEX(R) COMFORT



Source: American Burn Association
1991-1993 Study