



DuPont™ DuraPro™ fabric technology offers workers in the oil & gas, utilities, petrochemical, mining, manufacturing and transportation industries with inherent FR and arc flash protection at an affordable price. DuraPro™ helps garments feel lightweight and breathable, keeping the wearer comfortable.

DuraPro™ offers >8 cal/cm² ATPV arc flash protection and is certified to NFPA 2112.

Effective protection



Meets standards in arc flash, heat and flame protection



Affordable protection and performance



Inherent protection; can't be washed out or worn away



Resists tears and abrasion

Hazards



Arc flash



Flash fire

Color

This is a representation of the true color.



Navy



Royal blue



Red



Orange



Dark green



Khaki

Weight

6.5 oz/yd² / 220 g/m²

Fiber blend

Aramid, cotton, modacrylic

Certifications

*Certification pending.

ASTM F1506

NFPA 2112

CGSB 155.20

ISO 11612

IEC 61482-2*

Fabric protection performance

Property	Standard	Units/description	DuraPro™
Fabric construction	—	—	Twill weave
Basis weight	—	oz/yd ² (g/m ²)	6.5 (220)
Arc rating (Arc Thermal Performance Value [ATPV])	IEC 61482-1-1 ASTM F1959	cal/cm ²	>8 (8.1)
Thermal manikin	NFPA 2112	TPBI (%)	16.9

Typical physical properties (ASTM, NFPA)

Property	Standard	Units/description	DuraPro™
Fabric construction	—	—	Twill weave
Basis weight	ASTM D3776	oz/yd ²	6.5
Tensile strength (Grab test)	ASTM D5034	Warp (lbf) Weft (lbf)	127 87
Elmendorf tear	ASTM D1424	Warp (lbf) Weft (lbf)	8 7
Dimensional stability after 5 cycles	AATCC 135	Machine (%) Cross (%)	<3 <3

Typical physical properties (ISO, EN)

Property	Standard	Units/description	DuraPro™
Fabric construction	—	—	Twill weave
Basis weight	ISO 3801	g/m ²	220
Tensile strength	ISO 13934-1	Warp (N) Weft (N)	972 696
Tear strength	ISO 13937-2	Warp (N) Weft (N)	13.6 15
Dimensional stability after 5 cycles	ISO 5077	Machine (%) Cross (%)	<3 <3

Suitable to be used for arc flash protection as per NEC, NESC, NFPA 70E and OSHA requirements.



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DuPont Personal Protection
 @DuPontPPE

Product safety information is available upon request. All data are from certification and DuPont internal tests. Data can vary among testing labs.

This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentations. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DUPONT MAKES NO WARRANTIES AND ASSUMES NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

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