

NF ARC

A Norfab woven 6 oz/yd² "light weight" dimensionally stable novel fabric composed of Para-Aramid, OPF, and Novoloid (Phenolic) fibers. Excellent for Electric Arc Protective garments; when matched with our lightweight Omni Quilt liner (7.0 oz/yd² and 10.0 oz/yd²), will make the lightest weight garments in the industry for 57 Cal/cm² and 74 cal/cm² protection respectively.



About NOR*FAB Corporation

NOR*FAB manufactures textile products using flame resistant synthetic fibers suited for use at high temperatures and for personal protection. These items include broad woven roll goods and narrow products in the form of woven and knitted tapes, sleeving, rope, and gasketing. NOR*FAB uses para-aramid, meta-aramid, melamine, phenolic, oxidized PAN, flame resistant rayon, polybenzimidazole, and other technical fibers blended into unique yarns which provide high levels of heat protection and insulation.

NOR*FAB produces many of these yarns on the DREF Spinning System for use in the weaving, knitting, gasket, and wire & cable industries. NOR*FAB possesses the largest collection of DREF III spinning frames of any yarn manufacturer in the world.

Among its offerings, NOR*FAB boasts fabric lines for the following end uses:

Firefighting

OMNI Vantage™, OMNI Elite®, OMNI 45™, and OMNI Quilt™

Electric Arc Protection

NF Arc™, ArcWeld®

Welding Protection

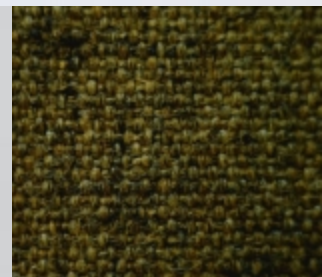
ArcWeld®

Cut Protection

CutPro®

Since 1979

Proud American Manufacturers of Flame Resistant Textiles



NF Arc Data Sheet

Fabric Style	06PT329-62
Specifications	Complies with NFPA 70E*
Base Fabric	Para-Aramid, OPF, Novoloid (Phenolic)
Available Colors	Light Green
Weave Style	Plain Weave
Fabric Weight oz./yd ² (g/m ²)	6.0 (200)
Fabric Thickness inches (mm)	0.019 (0.48)
Warp Strength grab method, lbs (kg)	220 (99)
Fill Strength grab method, lbs (kg).	75 (34)
Trapezoidal Tear Strength lbs. (kg), warp x fill	20 x 12 (9 x 5)
Arc Thermal Performance Value (ATPV) cal./cm ²	57.3 Cal/cm ² (w/ 07OQ2PB-1)
	74.4 Cal/cm ² (w/ 10OQ3PB-1)
Heat Attenuation Factor (HAF)	94.6% (13.0 oz) and 96.2 (16.0 oz)
Heat, Char Resistance	Passes
NFPA 70E	Level 4
Fabric Finish Number	62-Water Softened
Specify Order	Example: 06PT329-60"-62 and 07OQ2PB-1

* Testing conducted by Kinetrics Inc, Canada to ASTM F1959/F1959M-04.

All data intended as general information and no warranties, guarantees, or claims of fitness for use are expressed or implied by NOR*FAB Corp.



1310 Stanbridge Street,
Box 830, Norristown, PA 19404-0830 U.S.A.
Tel: 610-275-7270 • 800-441-9680 • Fax: 610-277-6106
Email: sales@norfab.com • www.norfab.com