



ARCWELD®

Electric arc and welding splatter protective garments require a durable, high strength, high performance FR fabric that adds value without compromising comfort. Norfab's ArcWeld® fabric combines the strength, high thermal capability, and durability of Teijin Twaron® with the comfort and moisture management of Lenzing FR® that will maximize the value of your protective garment investment.

Garments made with ArcWeld fabric provide:

- NFPA 70E Level 2 ARC resistance
- 100% inherent flame resistance that will never wash out or wear out
- Cut Protection (ASTM 1790-2005)

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



ArcWeld® Data Sheet	
Fabric Style	10TT342
Weave	Twill
Fiber Blend	60/40 Lenzing FR®, Twaron®
Weight oz/yd²	9.7 (330 g/m ²)
Dimensional Stability AATCC 135 140° F Wash, 160° F Dry (%) 10X	< 5%
Washing Colorfastness AATCC 135 140° F Wash, 160° F Dry 10X	3.0-3.5
Tensile Strength ASTM D5034, (Grab) (W&F), Lbs.	325 x 200
Tear Resistance ASTM D5587 (Trap) (W&F), Lbs.	35 x 15
Vertical Flammability , ASTM 6413-99 Char (W&F), in. After Flame (W&F), sec.	1.0 x 1.0 0.0 x 0.0
Pilling Resistance , ASTM 3512 30 minutes 60 minutes 90 minutes 120 minutes	3.5-5 4.5-5 5.0 5.0
ARC Thermal Performance Test ASTM 1959, ATPV (cal/cm ²)	10.8
ARC Thermal Performance NFPA 70E	Level 2
Colors Available	Navy Blue, Brown

*5 (Best), 3(Acceptable), 1(Poor)

All data intended as general information and no warranties, guarantees, or claims of fitness for use are expressed or implied by NOR*FAB Corp.
11/19



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