



OMNI ELITE™ (OE-II)

A Norfab woven light weight dimensionally stable fabric blend of Kevlar®, and BASOFIL® fibers, with Reinforced Rip Stop using Proprietary Core Spinning process - Kevlar® filament core/Kevlar® sheath. Applications include safety clothing, and firefighters turnout gear outer shell fabric. Resistant to heat sources, meets NFPA 1971 (2018 Edition), Finish Hypel DWR. Note: now Berry Compliant.

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



Omni Elite™ (OE-II) Data Sheet

Fabric Style	08TT402-60-51H_
Available Colors	C Brown, Black (HC, HB)
Weave Style	2 X 2 Twill with Rip-Stop
Fabric Weight , oz./sq yd, average (ASTM D3776)	7.75 (263 gm/sq.m)
Fabric Thickness , inches (ASTM D 1777)	0.019 (0.48 mm)
Warp Strength , lbs/in. Test (ASTM D5034)	316.0 (144 kg/2.54 cm)
Fill Strength , lbs/in. Test ASTM D5034	288.0 (131.5 kg/2.54 cm)
Trapezoidal Tear Strength , lbs., warp x fill, Test ASTM D5587	50 x 57 (22.7 x 25.9 kg)
Water Absorption Test AATCC 42	
% before laundering	1.5%
% after 5 laundering cycles	2.0%
Shrinkage in Laundering % warp x fill after 5 laundering cycles AATCC 135	2.0% x 1.5%
Thermal Shrinkage NFPA 1971-2018	
% before laundering	0.5%
% after 5 laundering cycles	1.0%
Thermal Protective Performance (Synergy 2L, Crosstech 2 C)	TPP > 42
Heat, Char Resistance Test ASTM D6413	Passes NFPA 1971, 2018 Edition
Fabric Finish Number	51, Hypel (for water repellancy color) w/ H-50
Specify Color	Example: C- Brown; B- Black
Certified to NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2018 Edition	

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



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