

# | ARAMID



## TIME-TESTED DURABILITY

### Omniweave™ 750

#### MADE FOR THERMAL RISKS

This aramid fabric's time-tested construction offers wearers reliable inherent FR protection against heat and flame.

#### DURABILITY AND STRENGTH

Tough enough for rugged environments, our aramid fabrics stand up to the uniquely dangerous environments professionals face on the job.

#### TRUSTED LEGACY

A time-tested solution, industrial professionals around the globe have put their trust in the performance of aramid fabrics for over 50 years.

# ARAMID

TECHNICAL DATA*	OMNIWEAVE™ 750
Nominal Weight	7.5 osy (254 gsm)
Construction	Woven
Color	Royal, Spruce, Black, Dark Navy and F.S. Navy
Fiber Content	Aramid, Anti-Stat
Certification	ASTM 1506, NFPA 1975, NFPA 1977, NFPA 2112, CGSB 155.20, ISO 11612

## Flame Resistance

Manikin Burn CGSB 155.20, NFPA 2112	Predicted Body Burn	Pass
Thermal Protective Performance NFPA 70E, ASTM 1959	ATPV Rating	6.9 cal/cm <sup>2</sup>
	PPE Category	Category 1
Vertical Flame ASTM 6413, NFPA 2112	After flame	< 2.0 sec
	Char length	< 4.0 in (100 mm)
Thermal Shrinkage NFPA 2112	Initial and 3x After Wash	< 10%

## Physical Testing

Tensile Strength ASTM D5034 (Warp x Fill)	Initial	285 x 274 lbf (1,270 x 1,220 N)
Elmendorf Tear ASTM D1424, (Wrap x Fill)		12.6 x 11.5 lbf (56 x 51 N)
Dimensional Stability AATCC 135		< 3.0%
Seam Stability ASTM D434, Fource at 0.25 in slippage		40 lbf (179 N)

## Appearance Score 5 (best) to 1 (Worst)

Color Fastness	Laundering AATCC 61 2A	Shade Change	Up to 4*
	Laundering AATCC 61 3A	Shade Change	Up to 3*
	Crocking AATCC 8	Wet	Up to 4.5*
		Dry	Up to 5*
	Xenon Light Exposure AATCC 16	After 20 Hours	Up to 4*
		After 40 Hours	Up to 3-4*
		After 60 Hours	Up to 3*
	Pilling Resistance ASTM D3512	Initial: 60 min	Up to 5*

\* Appearance is dependent on shade of fabric.

## AVAILABLE COLORS

Royal	Spruce	Black	Dark Navy	FS Navy
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## OPTIONAL COLORS

Additional color options may be available. Please contact TenCate Protective Fabrics for more information.

Color shades and textures may vary. Please contact your sales representative for swatch samples.



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TenCate Protective Fabrics  
is certified according:



Corporate  
Social  
Responsibility

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