

| OMNIWEAVE™



TIME-TESTED DURABILITY

OMNIWEAVE™
6.0 osy (205 gsm)

TRUSTED NOMEX® CONSTRUCTION

Trusted for over 50 years, Nomex® fiber construction offers wearers leading inherent FR protection against heat and flame.

ADAPTIVE PROTECTION

Tough enough for rugged environments, Omniweave™ stands up to any challenge you may face.

WASH AND WEAR RESILIENCE

Inherent FR protection means long-lasting protection that will never wash out or wear away.

OMNIWEAVE™

TECHNICAL DATA		OMNIWEAVE™ 600
Nominal Weight		6.0 osy (205 gsm)
Construction		Plain Weave
Colors		Red, Orange, Yellow, Light Blue, Royal Blue, Navy Blue, Spruce Green, Gray, Black
Fiber Content		Meta-Aramid/Para-Aramid/Antistat
Finish		Wickwell™ Plus
Certification/Compliance		NFPA 2112, ASTM F1506, NFPA 70E
Flame Resistance		
Manikin Burn Predicted Body Burn	NFPA 2112	Pass
Arc Thermal Performance Value or ATPV ATPV Rating PPE Category	NFPA 70E, ASTM 1959	5.7 cal/cm ² Category 1
Vertical Flame Initial: After flame Initial: Char Length 100x After Wash: After flame 100x After Wash: Char Length	ASTM 6413, NFPA 2112	< 2.0 sec < 4.0 in (100 mm) < 2.0 sec < 4.0 in (100 mm)
Thermal Shrinkage Initial 3x After Wash	NFPA 2112	< 10% < 10%
Strength/Durability		
Tensile Strength Initial (warp x fill)	ASTM D5043	1,080 x 625 N
Elmendorf Tear (warp x fill)	ASTM D1424	63 x 34 N
Laundry Shrinkage	AATCC 135	< 3%
Seam Stability	ASTM D434	200 N
Appearance		
Color Fastness (Score 5: Best to 1: Worst) Laundering Shade Change Laundering Shade Change Croaking Dry Wet	AATCC 61 2A AATCC 61 3A AATCC 8	Up to 4* Up to 4-5* Up to 5* Up to 4.5*
Xenon Light Exposure (Score 5: Best to 1: Worst) After 20 hours After 40 hours After 60 hours	AATCC 16	Up to 4* Up to 3-4* Up to 3*
Pilling Resistance (Score 5: Best to 1: Worst) Initial: 60 minutes	ASTM D3512	Up to 5*

* Appearance depends on shade of fabric.
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STANDARD COLORS					OPTIONAL COLORS
Light Blue	Spruce Green	Navy Blue	Royal Blue	Black	TenCate, the world's textile dyeing expert, can produce almost every colour with a minimum quantity of 3000 metres. Smaller quantities can be ordered, subject to a surcharge. For more information about colour-combination requirements, as well as any other information you may need, please contact TenCate.
Orange	Red	Grey	Yellow		

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