

# BRIGADE®



## TRI-CERTIFIED NOMEX® OUTER SHELL

### Brigade® 600

#### TRUSTED NOMEX® PROTECTION

Features the proven dependability of DuPont™ Nomex®, it exhibits low flammability and high strength.

#### TRI-CERTIFIED

Proven quality, thermal stability, and affordable protection with tri-certification to NFPA 1977, NFPA 1975, and NFPA 1951.

#### VARIETY OF USE

Available in ripstop and twill weaves, Brigade® is available in a 6 osy in a wide range of colors for multi-use applications.

# BRIGADE®

TECHNICAL DATA*	BRIGADE® 600
Nominal Weight	6.0 osy (203 gsm)
Construction	Woven
Color	Red, Yellow, Black, Spruce, F.S. Navy, Dark Navy
Fiber Content	Aramid, Anti-Stat
Finish	Shelltite
Certification	NFPA 1977, NFPA 1975, NFPA 1951

Flame Resistance		
Manikin Burn CGSB 155.20, NFPA 2112	Predicted Body Burn	Pass
Thermal Protective Performance NFPA 70E, ASTM 1959	ATPV Rating	5.7 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	< 10%
	3x After Wash	< 10%

Physical Testing		
Tensile Strength ASTM D5034 (Warp x Fill)	Initial	243 x 140 lbf (1,080 x 625 N)
Elmendorf Tear ASTM D1424, (Wrap x Fill)		14.2 x 7.6 lbf (63 x 34 N)
Dimensional Stability AATCC 135		< 3.0%
Seam Stability ASTM D434, Fource at 0.25 in slippage		45 lbf (200 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 4-5 *
	Croaking AATCC 8	Wet	Up to 5 *
		Dry	Up to 4.5 *
	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



TenCate Protective Fabrics is certified according:



All mentioned data must be considered as indicative values. To the best of our knowledge all information contained herein is accurate. TenCate Protective Fabrics declines any form of liability related to the use of the attached specimen that shall be regarded as a sample only and therefore not meant to be used in any form of garment making.