

# | Q-8™

## AFFORDABLE PROTECTION

### **ABSOLUTE PROTECTION**

Q-8™ thermal barriers provide firefighters with the highest level of protection because it is made from 100% flame-resistant (FR) fibers. Q-8™ is certified to NFPA 1971, the highest thermal requirements for structural firefighting gear.

### **MORE COMFORTABLE**

Q-8™'s woven liner is made from soft fibers that are gentle against the skin for long-lasting comfort.

### **ECO-FRIENDLY**

Q-8™ thermal batting is made from 100% recycled flame-resistant fibers and is Oeko-tex 100 certified.

# Q-8™

TECHNICAL DATA*		TENCATE Q-8™
Nominal Weight		8.0 osy (270 gsm)
Construction		Woven Facecloth quilted to non-woven batting
Colors		Blue (Facecloth)
Fiber Content		Meta-Aramid (Facecloth), Aramid, FR Rayon (Batting)
Finish		Wickwell™ Plus
Certification/Compliant		NFPA 1971
<b>Flame Resistance</b>		
Vertical Flame Initial: After flame Initial: Char Length 5x After Wash: After flame 5x After Wash: Char Length	NFPA 1971	< 2.0 sec < 1.0 in (< 25 mm) < 2.0 sec < 2.0 in (< 50 mm)
Thermal Shrinkage Initial 5x After Wash	NFPA 1971	< 9.0 percent < 9.0 percent
Thermal Protective Performance	NFPA 1971	Up to 40.0
<b>Strength/Durability</b>		
Trapezoid Tear Initial (warp x fill) 5x After Wash (warp x fill)	ASTM D5587	110 x 65 N 90 x 65 N
Dimensional Stability	AATCC 135	< 10.0 percent

\* All values subject to final certification and specification.

\*\* Tested on specific colors.

AVAILABLE COLORS	
	<p><b>Sunlight/UV Exposure Advisory:</b> Prolonged sunlight and UV exposure can be damaging to aramid fibers. Both natural (undyed) and dyed aramid fibers will fade or change color with exposure to sunlight or other UV sources. The thermal performance is not affected, but long term or repeated exposures will cause the fabric to gradually weaken. Garments should be stored so that they are protected from sunlight, including windows and bay doors, to maximize wear life. TenCate Protective Fabrics offers no warranties, implied or otherwise, for color change or fabric damage due to UV exposure.</p>

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.