

TECASA[®]SAFE[®] PLUS

TechT5[™]



A STRONG FOUNDATION, BUILT ON COMFORT

NFPA-CERTIFIED BASE LAYER PROTECTION

This versatile fabric serves as a comfortable FR base layer as well as an outer layer, thanks to full NFPA 1975 certification.

COOL, DRY AND COMFORTABLE

Integrated wicking COOLDERM[™] TECHNOLOGY offers enhanced moisture management to promote body temperature regulation and breathability.

A MULTI-LAYERED APPROACH

The base component of the multi-layer FR system, Tech T5[™] offers comfort and protection next-to-skin protection against flash fire.

TECASA[®] PLUS

TechT5[™]

TECHNICAL DATA*	TECHT5 [™] LIGHT SHADE	TECHT5 [™] DARK SHADE
Nominal Weight	5.4 osy (183 gsm)	5.4 osy (183 gsm)
Construction	Knit	Knit
Color	Khaki	Navy, Heather Gray
Fiber Content	Aramid, Lyocell, Modacrylic	Aramid, Lyocell, Modacrylic
Certification(s)	NFPA 1975	NFPA 1975

Flame Resistance

Manikin Burn NFPA 2112	Predicted Body Burn	Pass	Pass
Energy Breakopen Threshold NFPA 70E, ASTM 1959	PPE Category	Category 1	Category 1
Vertical Flame ASTM 6413, NFPA 2112	Initial	After flame < 2.0 sec	< 2.0 sec
	Char length	< 4.0 in (100 mm)	< 4.0 in (100 mm)
Thermal Shrinkage NFPA 2112	Initial and 3x After Wash	< 10%	< 10%

Physical Testing

Burst Strength – Ball Method ASTM D3787	70 lbf (312 N)	80 lbf (355 N)
Burst Strength – Mullen Method ASTM D3786	80 psi (550 kPa)	76 psi (525 kPa)
Dimensional Stability AATCC 135	< 4 %	< 4.5 %

Comfort

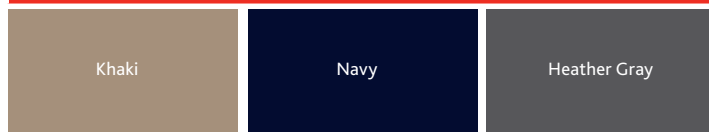
Air Permeability ASTM D737	295 ft ³ /ft ² /min	—
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Appearance *Score 5 (best) to 1 (Worst)

Color Fastness Laundering (AATCC 61 2A)	Shade Change	Up to 3-4 *	Up to 4-5*
Xenon Light Exposure AATCC 16	After 40 AFU	—	Up to 4*

* All values subject to final certification and specification. Tested on specific colors. Appearance is dependent on shade of fabric.

AVAILABLE COLORS



OPTIONAL COLORS

TenCate Protective Fabrics, the world's textile dyeing expert, can produce almost every color with a minimum quantity of 3000 yards. Smaller quantities can be ordered, subject to a surcharge. For more information, please contact TenCate Protective Fabrics.



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.