

TITANIUM®

NANO



COMFORT IN MOTION

MORE PROTECTION, LESS BULK

A next-generation Nano batting fill delivers even more levels of heat-insulating properties with less bulkiness for increased range of motion.

ENDURANCE AND SPEED

A redesigned face cloth for better-sustained, long-lasting slickness that slides on and off quickly and effortlessly. Increased fabric durability stands up to repeated launderings, resists pilling and stays slick longer.

DRY, COOL AND COMFORTABLE

Integrated wicking Coolderm™ technology offers enhanced moisture management to promote body temperature regulation and breathability.

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TECHNICAL DATA*	TITANIUM® NANO
Nominal Weight	6.6 osy (224 gsm)
Construction	Woven Facecloth Quilted to Non-Woven Batting
Fiber Content	Aramid, FR Rayon, Nylon
Certification	NFPA 1971

Thermal Performance

Flame Resistance ASTM D6413	Before laundering and after 5 laundering cycles	Compliant
Thermal Shrinkage NFPA 2112	Before laundering	< 3 % x 1 %
	After 5 laundering cycles	< 3 % x 1 %
Thermal Protective Performance (TPP) ISO 17492		Up to 40

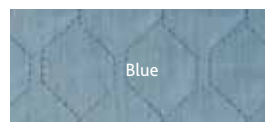
Physical Performance

Trapezoid Tear ASTM D5587(Warp x Fill)	Before laundering	47 x 105 lbf (210 x 465 N)
	After 5 laundering cycles	47 x 100 lbf (210 x 444 N)
Shrinkage AATCC 135	After 5 laundering cycles	< 5.0%

Comfort

Total Heat Loss (THL) ASTM F1868	Up to 295
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AVAILABLE COLORS



Blue

Sunlight/UV Exposure Advisory: 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.



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.