

DEFENDER[®]M

NP



FRONT LINE PERFORMANCE

BALANCED THERMAL PROTECTION

Defender[®]M NP is designed so that firefighters won't have to sacrifice protection for comfort.

TRUSTED BY TROOPS

The same inherent FR protection worn by military servicemen and women across the globe.

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*	DEFENDER [®] M NP
Nominal Weight	7.0 osy (237 gsm)
Construction	Woven facecloth quilted to nonwoven batting
Fiber Content	Lenzing [®] FR Rayon, Aramid, Nylon
Certification(s)	NFPA 1971

Thermal Performance

Vertical Flame ASTM 6413	Before laundering and after 5 laundering cycles	Compliant
Thermal Shrinkage NFPA 2112	Before laundering	< 6.0 x 3.0 %
	After 5 laundering cycles	< 5.5 x 3.5 %
Thermal Protective Performance (TPP) ISO 17492		Up to 52

Physical Performance

Trapezoid Tear ASTM D5587, (Warp x Fill)	Before laundering	25 x 25 lbf (111 x 111 N)
	After 5 laundering cycles	27 x 40 lbf (120 x 188 N)
Shrinkage AATCC 135	After 5 laundering cycles	< 5%

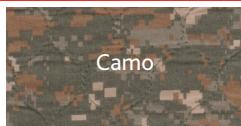
Comfort

Total Heat Loss (THL) ASTM F1868	Up to 253
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COLORS



Brass



Camo

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:



Corporate
Social
Responsibility

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.