

DEFENDER[®]M

A photograph of two firefighters in full protective gear, including helmets and gloves, working on a metal structure. One firefighter is on the left, leaning against a ladder, while the other is on the right, reaching towards a tank. The tank has "MS" and "BRANDWEER GRONINGEN" written on it. A blue circular logo is visible on the wall in the background.

ACTIVE MOISTURE MANAGEMENT

DEFENDER[®] M
CQ 760 – 220 g/m²

ADVANCED THERMAL PROTECTION

Engineered with spunlace non-woven technology to provide better insulation and protection from radiant heat. The combination with superior moisture management makes it very innovative.


EVAPORATIVE COOLING EFFECT FOR HEAT STRESS REDUCTION

Breathable fabric engineered with our Coolderm[™] Technology, offering an evaporative cooling effect. Moves perspiration away from the body and spreads moisture for improved dissipation. Keeps the underlying skin cooler and drier; an important factor to contribute to the reduction of heat stress.

EASE OF MOVEMENT

The fabric is flexible, soft and provides great ease of movement.

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TECHNICAL DATA	DEFENDER [®] M	TEST METHOD
Quality	CQ 760	
Width	155 cm (+2/-1 cm)	ISO 22198: 2006
Weight	220 g/m ² (+/- 10%)	ISO 3801: 1977
Composition	Thermal barrier: spunlace non-woven - Lenzing FR [®] /aramid Thermal liner: Lenzing FR [®] /aramid/polyamide	ISO 1833: 1977
Construction	Quilt	ISO 3572: 1976
Available finishes	Inherent wicking	
Physical performance		
Tensile strength	710 N x 640 N (-10%)	EN ISO 13934-1: 2013
Heat resistance 180°	≤ ± 5% shrinkage	ISO 17493: 2000
Dimensional change	≤ ± 3%	EN ISO 5077: 2008
Care labelling		
Domestic laundering		
Protection	Thermal barrier for firefighting turnout gear	
PPE requirements*		

* Copyright symbols: NEN, Delft (Netherlands)

CERTIFICATION		
	Fire fighting	EN 469: 2006/A1
	Industrial flame & heat hazards	EN ISO 11612 A1, A2, B1, C2, F3: 2015
	General requirements	EN ISO 13688: 2013

COLOURS

Gold 35328



Member of the E.T.S.A.



Ten Cate Protect B.V. 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 Europe 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.