

# QUANTUM3D®



**GREATER COMFORT: FLEXIBLE,  
LIGHT & EXCELLENT MOISTURE  
MANAGEMENT**

**QUANTUM 3D®**  
**CZ 705 – 130 g/m<sup>2</sup>**

## **BETTER DONNING & DOFFING**

The slick fabric surface allows firefighters to easily put on or take off their turnout gear.

## **BEST PROTECTION AT LOW WEIGHT RATIO**

Better thermal protection than comparable thermal barriers in the same weight class due to its high para-aramid content.








## **EXTREME DURABILITY & LONG LASTING LOOKS**

Long lasting physical integrity due to its higher resistance to pilling and abrasion, even after multiple launderings.

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TECHNICAL DATA	QUANTUM 3D	TEST METHOD
Quality	CZ 705	
Width	160 cm (+2/-1 cm)	ISO 3801: 1978
Weight	130 g/m <sup>2</sup> (± 5%)	ISO 3932: 1980
Composition	Facecloth/FR rayon/para-aramid/nylon	
Construction	GoldCheck™ pattern	
Available finishes	Inherent wicking	

Physical performance		
Tensile strength	550 N x 3200 N	ISO 13934-1: 1999
Pilling*	4/5	ISO 12945-1: 2000
Heat resistance 180°	≤ 5 %	ISO 17493: 2000
Dimensional change	≤ 3%	ISO 5077: 1984

Care labelling		
Domestic laundering	     	
Protection	Thermal liner for firefighters turnout gear	
PPE requirements**		

\*Test result from initial testing. Data ranges may change as more data are acquired.\*\* Copyright symbols: NEN, Delft (Netherlands)

CERTIFICATION		
	Fire fighting	EN 469: 2005
	General requirements	EN 340: 2004

## COLOURS



CQ GoldCheck™  
89296



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.