

QUANTUM3D®



**BETTER THERMAL
PROTECTION & EXCELLENT
MOISTURE MANAGEMENT**

QUANTUM 3D®
CQ 705 – 210 g/m²

BETTER DONNING & DOFFING

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

SUPERIOR PROTECTION

Better thermal protection than comparable thermal barriers in the same weight class, thanks to its patented 3-D imaged spun lace non-woven technology.








EXTREME DURABILITY & LONG LASTING LOOKS

Superior resistance to pilling. It maintains 3-D imaged spunlace and physical integrity after laundering and abrasion.

QUANTUM3D®

TECHNICAL DATA	QUANTUM 3D	TEST METHOD
Quality	CQ 705	
Width	155 cm (+2/-1 cm)	ISO 22198: 2006
Weight	210 g/m ² (± 10%)	ISO 3801: 1977
Composition	3-D imaged sunlace / GoldCheck™	
Construction	Quilt	ISO 3572: 1976
Available finishes	Inherent wicking	

Physical performance		
Tensile strength	500 N x 3000 N	ISO 13934-1: 1999, ISO 12947-2: 2002
Pilling*	4/5	ISO 12945-2: 2000
Heat resistance 180°	≤5 %	ISO 17493: 2000
Dimensional change	≤ 3%	ISO 5077: 1984

Care labelling		
Domestic laundering	     	
Protection	Thermal barrier 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: 2006

COLOURS



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.