

TENCATE Tecapro®

INDUSTRIAL SAFETY

The TenCate Tecapro® collection is a range of flame-retardant finished fabrics.

XC 9001 – 250 g/m²

Flame-retardant finished fabric
Multi-risk protection
84/15/1% Cotton/Polyamide/Static-Control™

TenCate Tecapro® - XC 9001 is a flame-retardant finished fabric with a 3/1 twill construction. This fabric is not only cool and breathable, thanks to its high cotton content, but also highly durable due to the use of polyamide fibre.

Extraordinary value – Suitable for application in protective clothing used, for example, in the metal, utilities, chemical and energy sectors.

Multi-risk protection – Protects against heat and flame, electric arc, static electricity and liquid chemicals.

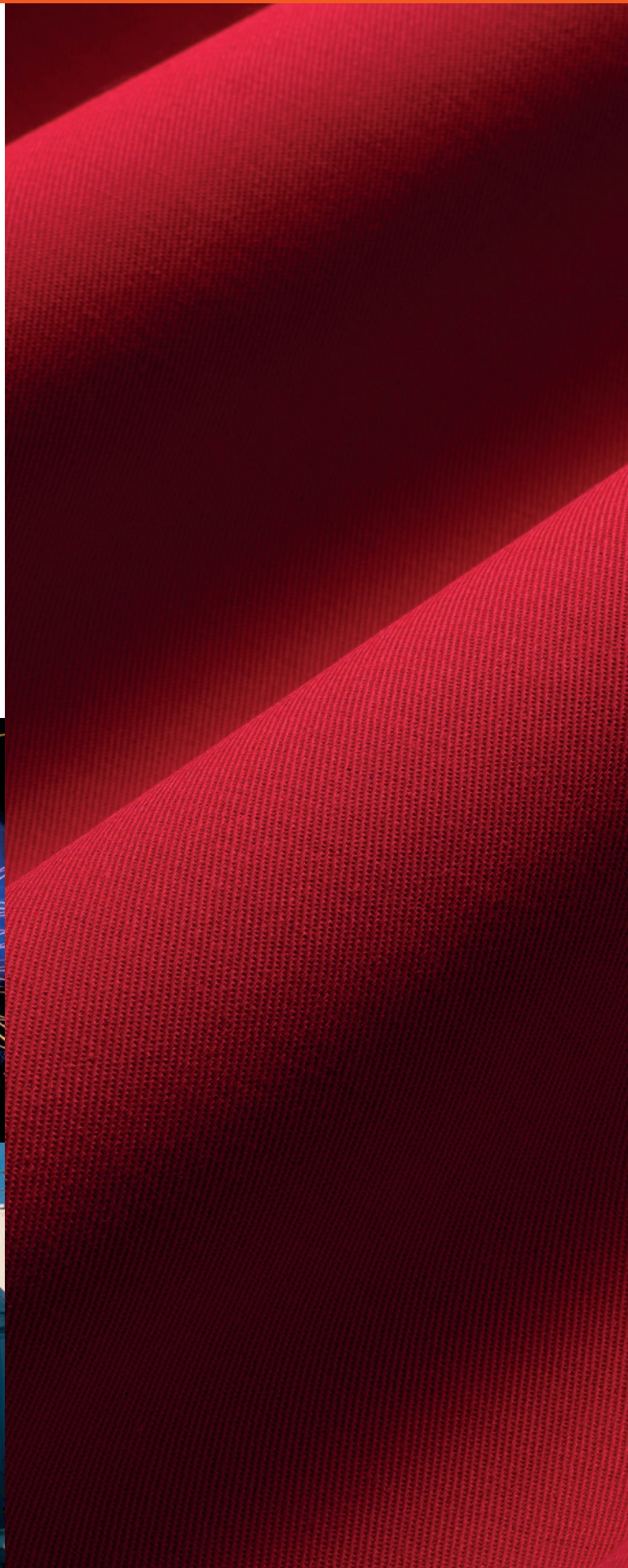
Excellent molten metal splash protection – Complies with EN ISO 11612 A1,A2,B1,C1,E2,F1; 2008 (Industrial flame & heat hazards).

Anti-static for explosion risk protection – TenCate Static-Control™ fibre is a trilobal core conductive filament fibre and is 'gridlocked' into the fabric (complies with EN 1149-3: 2004).

Limited chemical protection – Protects against splashes, thanks to Hydro-Tec, an innovative nanotechnology finish (complies with EN 13034 + A1: 2009).

Comfortable – Feels soft and supple, thanks to our special permanent Comfort-Control finish.

Long-lasting looks – Withstands repeated home or industrial laundering. The flame-retardant properties of this fabric are guaranteed even after 50 washes according to ISO 15797 (tested according to EN-ISO 15025: 1995). Please contact us for further advice on laundering.

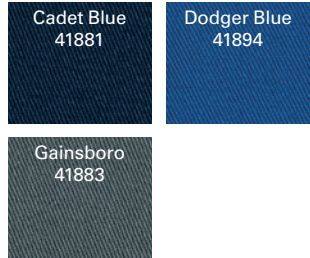


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Technical data	TenCate Tecapro®	Test method
Quality	XC 9001	
Width	153 cm (+2/-1 cm)	ISO 3801: 1978
Weight	250 g/m ² (± 5%)	ISO 3932: 1980
Composition	co/pa/Static-Control™ 84/15/1%	
Construction	3/1 twill	
Available finishes	Durable flame-retardant finish with Comfort-Control and Hydro-Tec	
Tensile strength	1150 N x 500 N (±10%)	ISO 13934-1: 1999
Domestic laundering		
Industrial laundering	75 °C	
Protection	Multi-risk	
PPE requirements*		
Certification		
	Industrial flame & heat hazards	EN ISO 11612 A1, A2, B1, C1, E2, F1; 2008 (A1 + A2 = 50 x ISO 15797 - 75 °C)**
	Electric Arc	EN 61482-1-2, class 1: 2007
	Welding	EN ISO 11611, class 1: 2007
	Anti-static for explosion risk	EN 1149-5: 2008, EN 1149-3: 2004
	Liquid chemicals***	EN 13034 + A1: 2009
	General requirements****	EN ISO 13688: 2013

* Copyright symbols: NEN, Delft (Netherlands)
 ** After pre-treatment (according to ISO 15797, 1 wash procedure 8 (75 °C) and 1 tumble drying (procedure A) (max. 70 °C outlet temperature).
 *** Hydro-Tec finish only
 **** Tested on specific colours

Standard colours



The colours above are standard colours and available with a minimum order length of 100 metres. Colours shown are references only.

Optional colours



TenCate, the world's textile dyeing expert, can produce almost every colour with a minimum quantity of 3000 metres. Smaller quantities can be ordered, subject to a surcharge. For more information about colour-combination requirements, as well as any other information you may need, please contact TenCate.



TenCate Protective Fabrics

TenCate is the world's No. 1 producer of protective fabrics for the manufacturing of safety wear. We supply garment-makers with an extensive range of top-quality and technologically advanced fabrics.

Our fabrics become lifesaving garments for firefighters, industrial workers, military personnel and other professionals working under hazardous conditions in danger zones around the world.

We work closely with our customers, end-users, fibre and chemical manufacturers and independent laboratories. As a result, TenCate Protective Fabrics is the one source the world looks to for leadership in knowledge of materials, consistent product quality, and a proven commitment to service excellence.

TenCate is a trademark of Royal Ten Cate nv. Tecasafe is a trademark of Ten Cate Protect bv. Ten Cate Protect bv is a subsidiary of Royal Ten Cate nv.



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