TENCATE
Tecapro®

INDUSTRIAL SAFETY

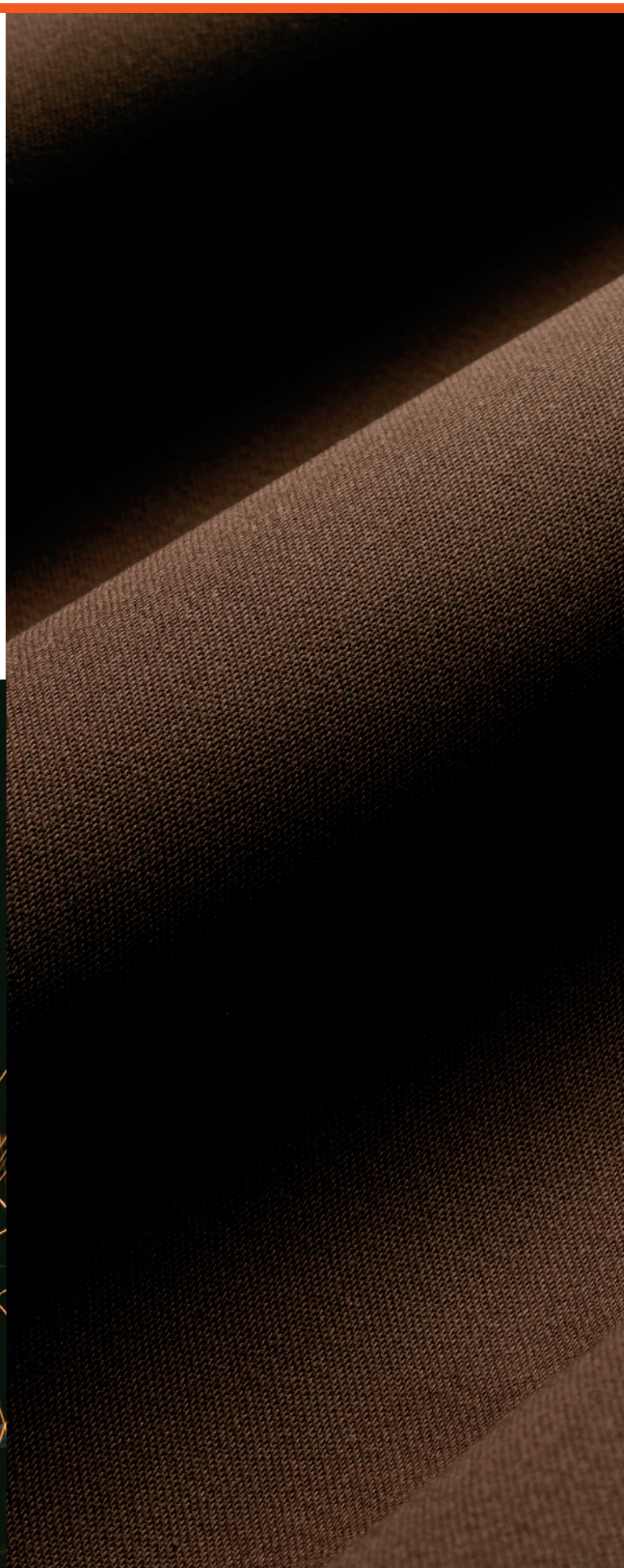
The TenCate Tecapro® collection is a range of flame-retardant finished fabrics.

KS 52 – 335 g/m²

Flame-retardant finished fabric
Molten metal splash protection
100% Cotton

TenCate Tecapro® - KS 52 is a flame-retardant finished fabric with a 4/1 satin weave. This cotton fabric is not only cool and breathable, but has excellent moisture absorption.

Exceptional value – Suitable for application in protective clothing used mainly in the metal industry.
Premium thermal protection – Protects against convective and radiant heat. Tested according to EN ISO 11612 A1,A2,B1,C1,E2,F1: 2008 (Industrial flame & heat hazards).
Comfortable – Feels much softer and is more breathable, due to 4/1 satin weave.
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	**KS 52**	
Width	153 cm (+2/-1 cm)	ISO 3801: 1978
Weight	335 g/m² (± 5%)	ISO 3932: 1980
Composition	cotton 100%	
Construction	4/1 satin	
Available finishes	Proban®	
Tensile strength	1200 N x 850 N (±10%)	ISO 13934-1: 1999
Domestic laundering	60	
Industrial laundering	75 °C	
Protection	Molten metal splash	
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 IEC 61482-1-2, class 1: 2007
	Welding	EN ISO 11611, class 1: 2007
	General requirements**	EN 340: 2003

* Copyright symbols: NEN, Delft (Netherlands)
** Tested on specific colours

Standard colours

Sapphire 40458	Caledo 47240
Graphite 40471	Cinaber 40472
Coral 40640	Durango 40803
Torber 40823	

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.

ISO 9001 ISO 14001 BUREAU VERITAS Certification

Member of the E.T.S.A.

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.

TENCATE
materials that make a difference

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