

The TenCate Tecasafe<sup>®</sup> collection is a range of inherently flame-resistant fabrics.

**XA 9001 – 320 g/m<sup>2</sup>**

**Inherently flame-resistant fabric**  
**Multi-risk protection**  
**54/45/1% PPAN-fr/Cotton/Static-Control™**

TenCate Tecasafe<sup>®</sup> - XA 9001 is an inherently flame-resistant fabric with a 2/1 twill construction and complies with Öko-Tex Standard 100. This fabric is not only cool and breathable, thanks to its high cotton content, but also has excellent moisture absorption.

**Outstanding value** – Suitable for application in protective clothing used in, for example, the metal, utilities, chemical, energy, construction and military sectors, and fire fighters' station wear.

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

**Optional: High-visibility yellow** – Complies with EN 471: 2003.

**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).

**Anti-static for explosion risk protection** – TenCate Static-Control™ is a core conductive filament yarn and is 'gridlocked' into the fabric (complies with EN 1149-5: 2008, test method EN 1149-3: 2004).


















**Limited chemical protection** – Protects against splashes, thanks to Hydro-Tec, an innovative nanotechnology finish (complies with EN 13034: 2005).

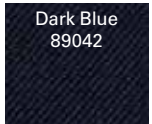
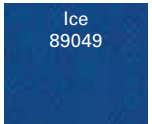
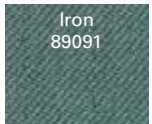
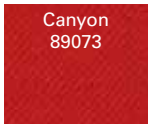
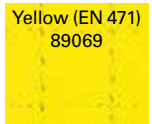
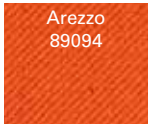
**Highly durable** – FR properties are built-in with excellent price/quality performance.

**Long-lasting looks** – Available in a wide-range of colours. The fabric has been thoroughly tested for its protective properties and has also been submitted to an extensive range of washing and durability tests at independent testing institutes.



The TenCate Tecasafe® collection is a range of inherently flame-resistant fabrics.

Technical data	TenCate Tecasafe®	Test method
Quality	XA 9001	
Width	152 cm (+2/-1 cm)	ISO 3801: 1978
Weight	320 g/m <sup>2</sup> (± 5%)	ISO 3932: 1980
Composition	ppan-fr/co/Static-Control™ 54/45/1%	
Construction	2/1 twill	
Available finishes	Standard: Hydro-Tec Optional: Comfort	
Tensile strength	950 N x 850 N (±10%)*	ISO 13934-1: 1999
Domestic laundering	    	
Industrial laundering	75 °C	
Protection	Multi-risk	
PPE requirements**	     optional: 	
<b>Certification</b>		
	Industrial flame & heat hazards	EN ISO 11612 A1,A2,B1,C1,E2,F1: 2008 (A1 + A2= 100 x ISO 15797 - 75 °C)
	Electric Arc	EN IEC 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, type 6: 2005
	High Visibility colour: Yellow Contrast colours: Iron 89091, Ice 89049, Canyon 89073	EN 471: 2003 EN 471: 2003 + A1: 2007 contrast
	General requirements***	EN 340: 2003
	Öko-Tex Standard 100	

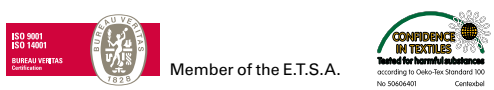
Standard colours	
	
	
	

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



TenCate, the world's textile dyeing expert, can produce TenCate Tecasafe® in almost any colour. Minimum order 1400m; larger orders in multiples of 1400m. Other lengths possible at additional charge. For more information about colour-combination requirements, as well as any other information you may need, please contact TenCate.

\* Hydro-Tec finish only  
\*\* Copyright symbols: NEN, Delft (Netherlands)  
\*\*\* Tested on specific colours



**TenCate Protective Fabrics**

TenCate Protective Fabrics consists of three companies: TenCate Protective Fabrics EMEA, TenCate Protective Fabrics Americas and TenCate Protective Fabrics Asia. We develop and produce the most comprehensive range of proven, high-performance fabrics used to make protective clothing.

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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