TENCATE
Tecapro®

INDUSTRIAL SAFETY

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

BG 9035 – 350 g/m²

New range FR finished fabrics - durable, soft and a great touch.

The new TenCate Tecapro® range of fabrics is developed with TenCate engineering expertise and provides rugged protection. Compared to other FR finished fabrics available in the market, these fabrics are more durable, softer & more comfortable to wear.

Excellent FR properties – Complies with the standard for industrial heat and flame hazards on limited flame spread; surface and edge ignition (EN ISO 11612: 2008)
Outstanding molten metal splash protection – Perfect fabric solution for welding garments, complies with the standard for molten metal drops (EN ISO 11612 E3: 2008) and the welding standard (EN ISO 11611, class 1).
High-visibility yellow – Complies with EN 20471: 2013.
Comfortable – Feels soft and supple, thanks to the 4/1 satin construction, high amount of cotton and to our special permanent Comfort-Control finish.
Extremely durable – Excellent performance on tear and tensile strength, as well on abrasion resistance. Even after industrial laundering.
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.
Environmental consciousness – All chemicals that are required to make our fabrics flame-retardant are re-used. Good for the environment and therefore also for people.

These fabrics are made in Europe by TenCate Protective Fabrics, the largest supplier of FR fabrics in the world.

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Technical data	TenCate Tecapro®	Test method
Quality	**BG 9035**	
Width	153 cm (+2/-1 cm)	ISO 3801: 1978
Weight	350 g/m² (± 5%)	ISO 3932: 1980
Composition	co/pes/Static-Control™ 79/20/1%	
Construction	4/1 satin	
Available finishes	Standard: Durable flame-retardant finish with Comfort-Control and Hydro-Tec Optional: Durable flame-retardant finish with Comfort-Control	
Tensile strength	1550 N x 600 N (±10%)	ISO 13934-1: 1999
Domestic laundering	60	
Industrial laundering	75 °C	
Protection	Multi-risk	
PPE requirements*		
Certification		
	Industrial flame & heat hazards	EN ISO 11612 A1,A2,B1,C1,E3,F1: 2008 (A1 + A2= 50 x ISO 15797 - 75 °C)
	Electric Arc	Single layer: EN IEC 61482-1-2, class 1: 2007 System: BG 9035 + BG 9025 = EN IEC 61482-1-2, class 2: 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: 2005 + A1: 2009
	High Visibility colour: Yellow Contrast colours: River 60662, Vulcano 66935, Marmelade 66777, Papaya 61070, Grey 65436	EN 20471: 2013
	General requirements***	EN 340: 2003

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

Standard colours

River 60662
Navy 63805
Papaya 61070
Vulcano 66935
Marmelade 66777
HV Yellow 64516
Black 60475

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.

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. Tecapro 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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