

TECASAFE®

 **GRIDSTRONG**
TECHNOLOGY



**TRUSTED FOR
PROTECTION**

TECASAFE® GRIDSTRONG
XA9027 – 270 g/m²

PERFORMANCE THAT LASTS

Inherent FR fabric that offers excellent protection, now combined with high performance fibers, like aramid and polyamide.

UMATCHED DURABILITY

20 years of proven superior durability to intense working conditions and extensive industrial laundering.



COTTON COMFORT

Cotton fabrics maintain a natural comfort bringing softness to the skin and moisture absorption.

TECHNICAL DATA	TECASAFE® GRIDSTRONG	TEST METHOD
Quality	8.0 osy / 270 gsm (± 5%)	ISO 3801: 1978
Width	152 cm (+2/-1 cm)	ISO 22198: 2006
Construction	Twill + Ripstop	ISO 3572: 1976
Fiber Content	Modacrylic/Cotton/Polyamide/Aramid/Static-Control™	ISO 1833: 2020
Finish	Hydro-Tec	
Certification/Compliant	AS/NZS 4824: 2021, EN ISO 11612, EN ISO 11611, EN IEC 61482, EN 1149-5, EN 13034	

Physical Performance		
Abrasion resistance	50,000 rubs	AS 2001.2.25.2 (Mass used: 795 g / Pressure: 12 kPa)
Tensile Strength	1080 N x 608 N (± 10%)	ISO 13934-1: 2013
Tear strength	71 N x 52 N (± 10%)	ISO 4674-1: 2016
Thermal Resistance	0.022 m² K/W	ISO 11092: 2014
Heat Resistance	< 10%	ISO 17493: 2016 (260 °C)
Dimensional Stability	< 3%	ISO 6330 Procedure 6N
Pilling Resistance	4-5	ISO 12945-2: 2020

Certified According To				
EN ISO 11612: 2015	EN ISO 11612: 2015	A1 A2		
		Laundering method:	ISO 15797	Cleaning cycles: 5
EN ISO 11611: 2015	EN ISO 11611: 2015	B1 C1 E2 F1		
		Laundering method:	ISO 15797	Cleaning cycles: 5
EN IEC 61482-1-1: 2019	EN IEC 61482-1-1: 2019	A1 A2		
		Laundering method:	ISO 15797	Cleaning cycles: 5
EN IEC 61482-1-2: 2015	EN IEC 61482-1-2: 2015	Class 1		
		Laundering method:	ISO 15797	Cleaning cycles: 5
EN 1149-5: 2018	EN 1149-5: 2018	EN 1149-3 Pass		
EN 13034: 2005 + A1: 2009	EN 13034: 2005 + A1: 2009	Fulfills the requirements		
Öko-tex 100, class 2	Öko-tex 100, class 2	Appendix 4	According to certificate:	903009

Care Labelling				
Industrial laundering	Colours:		White:	 ISO 15797, 75°C: 2018

Ten Cate Protect B.V. is certified according:



Member of the E.T.S.A.



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.