


Product Information - Technical Oriented Footwear - TOF

Region: **EMEA**

Product Class: **GORE-TEX extended comfort footwear**

Product	Carbon		
Brand	GORE-TEX Products		
Main Group	FCRB02		
Part No	CARB___001N	Revision	
		Revision Date	03.05.2023

Product Stewardship Details:

bluesign® status	bluesign® approved	bluesign® guide ID	GA0056061
OEKO-TEX® status	Standard 100 by OEKO-TEX® Class II Certified		
Additional Information	Product with PFC free* treatment *advances Gore Fabrics' goal of being free of PFCs of environmental concern over the lifecycle of its professional products. In this case, the goal is accomplished using non-fluorinated materials. Learn more on https://gtx.is/pfcec		

Product Features:


Durably waterproof, Extremely breathable, High heat conductivity, Extremely abrasion resistant, Chemical resistant, Waterproof after chemical exposure, Chemical penetration resistant

Material Composition:

Face Fabric Material	70% (± 5%) PA / 30%(± 5%) PES	
Face Fabric Construction	warp knit	
Middle Layer	100% PES	
Middle Layer Construction	nonwoven	
Functional Layer	Bicomponent Membrane based on ePTFE	
Backing Fabric Material	100% PA	
Backing Fabric Construction	warp knit	
Width [cm]	142	
Weight [g/m²]	280 ± 20	DIN EN ISO 12127
Thickness	0,8 mm ± 0,2	DIN EN ISO 5084
Ret [m² Pa/W]	≤ 10	DIN EN ISO 11092
Rct [10⁻³ m² K/W]	≤ 15	DIN EN ISO 11092
Abrasion Resistance [Movements]		DIN EN ISO 20344, 6.12
Dry	≥ 200.000	Extended Martindale abrasion
Wet	≥ 40.000	

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Colour Fastness:

Against Perspiration (Alk. / Acid)	≥ 3 - 4	DIN EN ISO 105 - E04
Against Rubbing (Dry / Wet)	≥ 3 - 4	DIN EN ISO 105 - X12

Additional Information:

Resistance to water penetration [mbar]	5000	DIN EN ISO 811
Abrasion resistance backer knit wet [movements]	≥ 50.000	DIN EN ISO 20344, 6.12 Extended Martindale abrasion
Chemical resistance *	No penetration / run-off ≥ 90%	DIN EN ISO 6530
Resistance to water penetration [mbar] after contamination with selected chemicals *	1000 / No penetration	DIN EN ISO 811
Chemical penetration resistance *	No penetration	ASTM F 903 / ISO 13994

Additional Comments:

current version of test standard applies
* selected chemicals: for details, please refer to the responsible Product Specialist

GORE-SEAM® Tape:

Type	Footwear Seam Tape
Part Number	6GSAJ022WHTF
Colour	white

Colour Card:

Face Fabric Code	Face Fabric Colour	Backer Fabric Code	Backer Fabric Colour
007	SILVER, GORE-TEX LOGO PRINT	N/A	N/A
001	GREY, GORE-TEX LOGO PRINT	N/A	N/A

n.a. = not applicable

All technical information and advice is based on previous experience and given to the best of our knowledge, but does not give rise to any liability by Gore. The product data was evaluated under ideal technical conditions. Deviations depend on the conditions of the special application. Please note our assembling advice and warnings. For best results please call our technical application personnel with specific details of the application. They will be glad to advise you.

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