



TECHNICAL FABRICS

ORBITA · 150 g/m² · 100% polyester · PU-coated

COMPOSITION	100% polyester (verified per EU Reg. 1007/2011)
WEIGHT	150 g/m ² nominal
WIDTH	150 cm
WEAVE	Twill
FINISH	One-side PU coating, hydrophobic
APPLICATIONS	Winter workwear and outerwear; suitable for sublimation printing

LABORATORY-TESTED PERFORMANCE

PROPERTY	METHOD (EN / ISO)	RESULT
Fibre composition	EU Reg. 1007/2011, Annex VIII	100% polyester
Mass per unit area	EN 12127:2000 (ISO 3801)	153 g/m² · V 0.4%
Breaking force — warp	EN ISO 13934-1:2013	143 daN
Breaking force — weft	EN ISO 13934-1:2013	96 daN
Water penetration resistance (hydrostatic head)	EN ISO 811	585 ± 50 mm H₂O
Colour fastness to washing, 40 °C	EN ISO 105-C06:2010	5 / 4-5 *

Accredited test report № 33918 / 30.09.2025 — Laboratory for Textiles and Dyes, University of Chemical Technology and Metallurgy, Sofia; accredited to EN ISO/IEC 17025 by BAS (EA MLA member), certificate № 141 LI valid until 29.07.2026. Tested specimen: black colourway, coated face fabric. Bulgarian БДС EN (ISO) designations are the national adoptions of the corresponding EN / ISO standards. * Grade 5 colour change of specimen; 4-5 to 5 staining of adjacent fibres (scale 1-5, 5 best). Typical production values; accredited test data above refers to the tested specimen. For samples, stock availability and colour cards, contact our sales team. Generated from Astra's product database; valid without signature.

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