



MEDICAL FABRICS

MEDIFLEX · 110 g/m² · stretch

COMPOSITION	96% polyester / 4% elastane (polyurethane)
WEIGHT	110 g/m ²
WIDTH	147 cm
WEAVE	Plain weave
STRETCH	Elastane stretch for improved comfort and mobility
APPLICATIONS	Medical scrubs, tunics and healthcare garments

LABORATORY-TESTED PERFORMANCE

PROPERTY	METHOD (EN / ISO)	RESULT	REQUIREMENT [†]
Fibre composition	BG textile labelling ordinance № 114/2006	96.0% polyester / 4.0% polyurethane (±1)	—
Mass per unit area	EN 12127:2000 (ISO 3801)	117 g/m² · V 0.5%	—
Breaking force — warp	EN ISO 13934-1:2013	69 daN · V 1.5%	min. 35 daN
Breaking force — weft		32 daN · V 0.9%	min. 30 daN
Dimensional change, washing 40 °C	EN ISO 6330 / 5077 / 3759	warp -0.5% · weft -0.5%	max. ±3.0%
Colour fastness to washing 40 °C — colour change	EN ISO 105-C06:2010	5	min. 4
— staining of 6 adjacent fibres‡		4 / 4-5 / 3 / 4 / 5 / 5	min. 3

Accredited test report № 33502 / 12.01.2024 — 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: dark blue (navy) colourway, woven face fabric. Test conditions: 21 °C / 64% RH; washing per EN ISO 6330:2022, 10 steel balls. † Requirements per БДС 12319:1990 (breaking force), БДС 10720:1988 (dimensional change). Colour-fastness grades on the 1-5 grey scale (5 = best); ‡ staining grades listed in the order acetate / bleached cotton / polyamide / polyester / acrylic / wool. V — coefficient of variation between individual measurements. Bulgarian БДС EN (ISO) designations are the national adoptions of the corresponding EN / ISO standards.

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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