



## MEDICAL FABRICS

**MEDIFLEX** · 110 g/m<sup>2</sup> · stretch

|              |                                                    |
|--------------|----------------------------------------------------|
| COMPOSITION  | 96% polyester / 4% elastane (polyurethane)         |
| WEIGHT       | <b>110</b> g/m <sup>2</sup>                        |
| WIDTH        | <b>147</b> 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 <sup>†</sup> |
|--------------------------------------------------|-------------------------------------------|-------------------------------------------------|--------------------------|
| Fibre composition                                | BG textile labelling ordinance № 114/2006 | <b>96.0% polyester / 4.0% polyurethane (±1)</b> | —                        |
| Mass per unit area                               | EN 12127:2000 (ISO 3801)                  | <b>117 g/m<sup>2</sup> · V 0.5%</b>             | —                        |
| Breaking force — warp                            | EN ISO 13934-1:2013                       | <b>69 daN · V 1.5%</b>                          | min. 35 daN              |
| Breaking force — weft                            |                                           | <b>32 daN · V 0.9%</b>                          | min. 30 daN              |
| Dimensional change, washing 40 °C                | EN ISO 6330 / 5077 / 3759                 | <b>warp -0.5% · weft -0.5%</b>                  | max. ±3.0%               |
| Colour fastness to washing 40 °C — colour change | EN ISO 105-C06:2010                       | <b>5</b>                                        | min. 4                   |
| — staining of 6 adjacent fibres‡                 |                                           | <b>4 / 4-5 / 3 / 4 / 5 / 5</b>                  | 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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