

Brand name: NOVAREX™
Inherent Flame-Resistant Aramid Fabric
Product code: NV-FMIIIA-200
Product Type: Nomex® IIIA Meta-Aramid Blend Fabric
Color: Navy Blue/ Orange / Custom Colors Available



Product Identification

Parameter

Composition	93% meta-aramid 5% para-aramid 2% anti-static with Piece dyed
Construction	Twill
Fabric Weight	200 gr/m2 (+/-5%)
Usable Width	150 +/-1 cm
Function	FR+AS

Typical Technical Data

FABRIC STRENGTH	Unit	Warp	Typical Value	Weft	Typical Value	Test Method
Tear strength	N	≥ 55N	197N	≥ 50N	159N	EN ISO 13937-2
Tensile Strength	N	≥ 1100N	1400N	≥ 800N	1150N	EN ISO 13934-1
Dimensional change	N	≤ ±3%	0.4	≤ ±3%	0.6	ISO 5077 washing procedure
Afterflame Time	s	≤ 2	0	≤ 2	0	EN ISO 15025
Damaged Length	mm	≤ 100	67	≤ 100	68	EN ISO 15025

COLOURFASTNESS	Test Result	Test Method
Rubbing dry	4	ISO 105 X12
Rubbing wet	4	ISO 105 X12
Against perspiration acid / basi	4	ISO 105 E04
Washing 60°C	4	ISO 105 C06
Washing 60°C staining	4	ISO 105 C06
Dry cleaning	4	ISO 105 D01

FABRIC STRENGTH	CLASSIFICATION	DESCRIPTION OF EN-STANDARD
EN ISO 11611: 2015	Class 1	Clothing for welding and allied processes
EN ISO 11611: 2015	A1/B1/C1/F1	Protection against heat and flame
EN 11495: 2018	EN11493	Electrostatic properties
EN 61482-1-2:2014	Class 1	Protective clothing against thermal hazards of anelectric arc
NFPA 2112:2023	Pass	FR Garments for Protection of Industrial PersonnelAgainst Flash Fire

CERTIFICATION PICTOGRAMS



Notes

- The values shown in this document are typical test results and are provided for reference only.
- Product performance may vary depending on color, finish, lot, garment design, and end-use conditions.
- Final garment compliance must be verified on the finished garment, not on fabric alone.

Disclaimer

The data contained herein are based on laboratory testing and routine quality evaluation and are provided for reference purposes only. They are not intended to constitute guaranteed specifications unless otherwise agreed in writing. Product performance may vary depending on processing conditions, textile construction, and end-use application. Users are responsible for determining the suitability of the product for their specific applications.