

**Brand name:** Novarex®  
**Product code:** META-ARAMID SEWING THREAD  
**Product designation:** NV-YMS303  
**Color:** Meta-Aramid Sewing Thread  
**Construction:** Spun, plied sewing thread



**Product Identification**

Parameter	Detail
Product Name	Meta-Aramid Sewing Thread
Fiber composition	100% Meta-Aramid
Yarn Structure	30/3 Ne spun sewing thread

**Typical Technical Data**

Test Item	Unit	Standard Requirement	Typical Value	Test Method
Thread Count	Ne	30/3 ± 3%	30/3	ASTM D1059
Linear Density	dtex	591 dtex ± 2%	592	ASTM D2863
Breaking Force	cN	≥1400	1550	ASTM D2256
Breaking Elongation	%	25-30	28.70	ASTM D2256
Abrasion Resistance	cycles	≥12,000	15,000	ASTM D4966
Tensile CV	%	≤5.0%	3.5	Uster Tester 8
Evenness CV	%	≤ 8.0%	5.5	Uster Tester 8
Hairiness	—	≤ 6.0	5.0	Uster Tester 8
Final Twist Direction	—	Z	Z	Uster Tester 8

**Thermal & Fire Performance**

Test Item	Unit	Standard Requirement	Typical Value	Test Method
Limiting Oxygen Index (LOI)	%	≥28.0	30	ISO 4589-2
Shrinkage (300 °C/15min)	%	≤ 1.0	1.0	ASTM D2594

Testing Conditions: Unless otherwise specified, testing was conducted under standard atmospheric conditions in accordance with ISO 139.

**Packing**

- Carton size: 60 x 41 x 48 cm
- Gross weight: 23.8 kg/carton
- Net weight: 20 kg/carton

**Applications**

- Flame-resistant workwear (compliant with EN ISO 11612, NFPA 70E)
- Protective apparel for firefighting, welding, and industrial safety
- Heat-resistant textile assemblies and filtration media

**Disclaimer**

The information provided in this document is believed to be reliable based on current knowledge and experience. However, it is offered solely for evaluation and reference and does not constitute a warranty, guarantee, or specification of product performance for any particular application.