

Product data sheet

A-tech CS

NEWSTAR® Yantai meta-aramide cut staple spun

- self-extinguishing and non-melting
- the powerful alternative to Nomex®
- permanent temperature resistance up to approx. 200°C
- decomposition temperature at approx. 370°C
- burning behaviour tested according to DIN EN ISO 15025
- certification according to the strict safety requirements of UL



Technical data:

Ticket no.	Tex no.	Linear density (dtex) (DIN EN ISO 2060)	Linear density (Nm) (DIN EN ISO 2060)	Breaking force (cN) (DIN EN ISO 2062)	Elongation at break (%) (DIN EN ISO 2062)	Needle size Nm	Needle size No.
40	75	256 * 3	39 / 3	2194	22	100-120	16-19
70	40	153 * 3	65 / 3	1246	22	80-100	12-16

Fastness properties:

Colour fastness to perspiration (ISO 105 E04)	≥ 3-4
Colour fastness to rubbing 1) dry (ISO 105 X 12)	≥ 4
Colour fastness to rubbing 2) wet (ISO 105 X 12)	≥ 4
Colour fastness to washing 60°C (ISO 105-C06 E2S)	≥ 4
Colour fastness to water (ISO 105 E 01)	≥ 4

Care labels:



Article assortment:

Ticket no.	Tex no.	Embroidery ticket no.	Article no.	Make-up	Spool type	No. of colours
40	75	-	3627	3.000 m	Co	14
70	40	30	3632	5.000 m	Co	14

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Main application:

- Protective clothing
- Filtration



Further application:

- Embroidery
- Home interior

Certifications and special testings:



- Tested flammability according to test standard DIN EN ISO 15025. Therefore fulfills the standards DIN EN ISO 11.611, DIN EN ISO 11.612, DIN EN ISO 14.116 and DIN EN 469 for protective clothing. The test need to take place on the finished piece in conjunction with all components.
- Certification according to safety requirements of the UL. Fulfills the following standards for safety NFPA 1951, NFPA 1971, NFPA 1975, NFPA 1977, NFPA 2112, ASTM F 1506. CSGB 155.22, CGSB 155.20