

SPARK

CUCIRINI RAMA



SPARK

100 % SPUN
NOMEX® O
LONG FIBER
META-
ARAMIDIC

Spark is a high-performance, fully flame-resistant yarn offered by Cucirini Rama, available in a wide range of colors upon request. Made with the finest meta-aramid fibers on the market, it enables the production of flame-resistant protective clothing for firefighters and military personnel, ensuring maximum safety and long-lasting durability.

Characteristics



Flame-
resistant



Safety



Durability

Applications



WORKWEAR

Protective clothing against
heat and flames for civil,
industrial, motorsport,
military, and aerospace use.



FURNITURE

Advantages

The use of our Spark product allows for the following:

- 1) Exceptional flame and heat resistance values.
- 2) Retention of properties up to 200°C of continuous exposure. Melting point: 371°C
- 3) Extremely low thermal conductivity
- 4) Excellent chemical resistance
- 5) High tenacity
- 6) Low hairiness and good brightness
- 7) The necessary requirements needed to comply with the regulations EN ISO 11611 (e.g. EN 470), EN ISO 11612 (e.g. EN 531), EN 469, based on the production method.

Until yesterday, the color range achievable with this fiber was limited. Today, our technicians have significantly increased the number of available colors, making it possible to create the perfect color to meet your needs.





Item	Tex	Breaking Strength gr	Breaking Elongation %	Packaging	Needle
SPARK ET. 100	27	cN. 764 gr. 780	26	5.000 mt.	80-90
SPARK ET. 70	40	cN. 1.343 gr. 1.370	27	5.000 mt.	90-100
SPARK PLUS ET. 70	45	cN. 1.510 gr. 1.540	27	5.000 mt.	90-100
SPARK ET. 50	60	cN. 1.690 gr. 1.724	28	2.500 mt. 5.000 mt.	100-110
SPARK ET. 40	80	cN. 2.274 gr. 2.320	29	2.500 mt. 5.000 mt.	110-120

The information provided in the technical data sheet is based on averages, and the values may vary. It is the sole responsibility of each user to verify the suitability of the sewing thread for their specific need. Cucirini Rama is available to provide advice for any usage inquiries.

Color Fastness

WATER	EN-ISO 105-E01	4 GRADE
WASHING AT 95°C	EN-ISO 105 C04 (C10D)	4 GRADE
SWEAT FASTNESS	EN-ISO 105 E04	4 GRADE
RUBBING FASTNESS	EN-ISO 105-X12	4 GRADE
CHLORINE FASTNESS	EN-ISO 105 N01	4 GRADE
LIGHT FASTNESS	EN-ISO 105 B02	2-3 GRADE

