

# Durak Fire Safe M-Aramid®



Military Protective Clothing



Safety Footwear



Flame-Retardant Safety Workwear



Flame-Retardant Embroidery Applications



Thermal Insulation/ Filters



Protective Gloves



Firefighter Apparel

## FASTNESS

<b>Washing Fastness</b>	ISO 105-C06	Min.:3
<b>Rubbing Fastness</b>	ISO 105-X12	Min.:3

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Heat</b>	Self-extinguishing at 370°C: when removed from the heat source, flames extinguish immediately instead of spreading.
<b>UV Resistance</b>	Low UV resistance: prolonged exposure to sunlight may cause color fading and reduced tenacity.
<b>Bleaching</b>	High resistance to lubricants and bleaches.
<b>Abrasion</b>	Good abrasion resistance.

## THICKNESS AND STRENGTH CHART

TKT	Nominal Tex	Strenght CN	Elongation %	Needle Size
40	70	2200	20-29	100-120
70	50	1600	20-25	80-90
100	26	730	15-22	60-80

## STORAGE CONDITIONS

\*Must be stored in a place away from heat, sunlight, humidity and in black bags.



Industrial textiles and protective garments require materials that can withstand high temperatures and direct exposure to flames in order to meet safety standards. In areas such as occupational safety clothing, firefighter uniforms, military apparel, automotive, and electrical sectors, threads with flame-retardant properties provide reliable solutions.

Durak Fire Safe M-Aramid® is a premium sewing thread made from 100% staple-spun meta-aramid, featuring permanent flame-retardant properties. Available in different thicknesses and a wide range of colors, the thread provides resistance to temperatures up to 370°C. Special finishing processes enhance sewing performance, ensuring consistent stitch quality and controlled hairiness for an aesthetic and safe result.

- Features permanent flame-retardant properties that maintain performance even after washing.
- Resistant to flames and heat up to 370°C.
- Offers excellent resistance against flames, high temperatures, and electrical sparks.
- Special finishing processes provide superior sewing performance and perfect stitch appearance.
- Tested and certified according to EN ISO 15025 and EN ISO 6941 non-flammability standards.
- Available in different thicknesses and a wide color range: 26 Tex, 40 Tex, and 70 Tex.
- Tkt No. 100 (26 Tex) thickness is specially developed for embroidery applications requiring flame-retardant properties.

# FLAME RETARDANT PROTECTION Durak Fire Safe M-Aramid®

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