



Sports Socks



Technical Sportswear



Arm & Leg Bandages



Compression & Support Products

FASTNESS

Washing Fastness	ISO 105-C06	Min.:4
Water Fastness	ISO 105-E01	Min.:4
Rubbing Fastness	ISO 105-X12	Min.:4
Perspiration Fastness	ISO 105-E04	Min.:4
Light Fastness	ISO 105 B02	Min.:4

CHEMICAL PROPERTIES

Mineral Acids	Resistant to most mineral acids.
Alkalis	Generally unaffected by weak alkalis, but not resistant to strong alkalis, particularly at high temperatures.
Organic Solvents	Generally unaffected, but soluble in some phenolic mixtures.
Bleaching	Unaffected.
Microorganisms	(Fungi, Mold) Unaffected.
Washing / Dry Cleaning	Unaffected.
Moisture Regain	0.4%

THICKNESS AND STRENGTH CHART

TKT	Nominal Tex	Breaking Force CN	Elongation at Break %
40	27	1250	18-28

STORAGE CONDITIONS

*Keep away from high temperatures, moisture, and direct sunlight.



DURAK Maxibalance® is a functional embroidery thread developed for technical textile applications, featuring an innovative thread structure enhanced with bio-ceramic technology. Developed through R&D studies for sports, active lifestyle and supportive textile products, its structure is designed to provide solutions that support comfort in movement while adapting to various functional textile applications depending on the design of the end product.

- Features a functional thread structure containing specially selected bio-ceramic minerals.
- Designed to support the reflection of far-infrared (FIR) energy emitted from the embroidered surface, helping the body make more efficient use of its natural FIR energy.
- Helps support the retention of the body's natural FIR energy and body heat.
- Can be used in functional textile applications designed to support balance, coordination and muscle comfort.
- Suitable for sports and active lifestyle textiles designed to support athletic performance.
- Can be easily integrated into various functional textile designs.

Embroidery Thread for Comfort in Motion

Durak Maxibalance®

DURAK

