



Graphene Functional Fibers

Functional fiber solutions for apparel, home textiles, outdoor fabrics, smart textiles and technical applications.

LEVSON graphene functional fibers integrate graphene-based functional materials with textile fibers to deliver multiple functional properties for diverse textile applications.

Key Functional Properties



Far-Infrared Performance



UV Protection



Conductive & Antistatic



Enhanced Mechanical Properties



Antibacterial Performance

Applications



Thermal Underwear & Socks



Knitted & Woven Fabrics



Outdoor & Camping Textiles



Home Textiles & Bedding



Filling & Insulation



Smart, Conductive & Antistatic Textiles

Our Product Range



Graphene Functional Staple Fibers

FOR SPINNING AND BLENDING APPLICATIONS, INCLUDING APPAREL, HOME TEXTILES AND FILLING MATERIALS.

- 1.2D × 38MM
- 2D × 51MM
- 2.5D × 88MM
- 3D × 88MM
- 1.5D × 38MM
- 2D × 64MM
- 3D × 64MM HOLLOW

Graphene Functional Filament Yarns

FOR KNITTING, WEAVING, OUTDOOR FABRICS AND PERFORMANCE TEXTILES.

POLYESTER FILAMENT

- DTY 50D/36F
- DTY 75D/72F
- DTY 150D/144F
- FDY 50D/36F
- DTY 75D/36F
- DTY 100D/36F
- DTY 300D/288F
- FDY 75D/72F

NYLON FILAMENT

- DTY 20D/24F
- DTY 70D/48F
- DTY 140D/48F
- FDY 40D/34F
- DTY 40D/34F
- DTY 70D/68F
- FDY 20D/24F

Graphene Blended Yarns

CUSTOM BLEND RATIOS AND YARN COUNTS AVAILABLE.

REPRESENTATIVE SPECIFICATIONS

- 21S
- 40S
- 50S
- 32S
- 45S
- 80S

AVAILABLE BLENDS

- GRAPHENE POLYESTER / COTTON
- GRAPHENE NYLON / COTTON
- GRAPHENE / VISCOSE
- GRAPHENE / MODAL
- MULTI-FIBER BLENDS

Graphene Conductive Fibers

FOR ANTISTATIC GARMENTS, CONDUCTIVE FABRICS, SMART TEXTILES AND EMI-RELATED TEXTILE APPLICATIONS.

CONDUCTIVE FILAMENT

- 20D/3F
- 40D/6F

CONDUCTIVE COMPOSITE YARN

- 30D + 20D CONDUCTIVE FIBER
- 50D + 20D CONDUCTIVE FIBER
- 75D + 20D CONDUCTIVE FIBER

Typical Product Applications

STAPLE FIBER	UNDERWEAR, SOCKS, BEDDING, FILLING
FILAMENT YARN	KNITTING, WEAVING, OUTDOOR, TENTS
BLENDED YARN	APPAREL, SOCKS, UNDERWEAR, HOME TEXTILES
CONDUCTIVE FIBER	ANTISTATIC, SMART TEXTILES, CONDUCTIVE FABRIC

Customisation Available

DENIER · FIBER LENGTH · YARN COUNT · BLEND RATIO · COLOUR · COMPOSITION

TELL US YOUR TARGET FUNCTION, APPLICATION AND TEXTILE PROCESS — WE CAN RECOMMEND A SUITABLE MATERIAL SOLUTION.

Certifications & Test Reports

MANAGEMENT SYSTEM CERTIFICATIONS

FUNCTIONAL PERFORMANCE TEST REPORTS

FAR-INFRARED PERFORMANCE · ANTIBACTERIAL PERFORMANCE · UV PROTECTION

Contact us

@ sales@levsongroup.com 🌐 <https://nanoecotech.com>

LEVSON (HK) Limited

📍 ROOM 2122, 21/F, REMEX CENTRE, NO.42 WONG CHUK HANG ROAD, HONGKONG