

# beag<sup>®</sup> BRANDS

## beag<sup>®</sup> iD

**RFID/NFC and electrically conductive**

**Field of Activity:** RFID/NFC, blockchain, plagiarism protection, data storage

**End use:** clothing, military, storage

**Range:** from 130 dtex (0.022 mm)

**Processes:** twisted

**Processing:** can be knitted, weaved and embroidered

**Resistance:** resistant to chemicals, oxidation, washing and mechanical abrasion, textile wrapped copper yarns can be dyed and printed



## beag<sup>®</sup> - eStatic

**electrostatic-discharging (ESD) carbon yarns**

**Field of Activity:** electric resistance  $10^6 - 10^{10}$  Ohm/m

**End use:** clean room- and surgical textiles, touchscreen precision function

**Range:** 78 - 470 dtex

**Processes:** air jet texturized, intermingled, twisted

## beag<sup>®</sup> - ecoFib recycled yarns

**Field of Activity:** from plastic waste recycled yarns

**End use:** lifestyle textiles, swim wear

**Range:** 78 - 156 dtex

**Processes:** air jet texturized, texturized, twisted



## beag<sup>®</sup> - flameCut

**permanently flame-retardant (FR) PA66 yarns**

**Field of Activity:** safety, protection, mobility, aviation

**End use:** hook- and loop fastener

**Range:** 110, 156, 220 dtex

**Processes:** air jet texturized, texturized, twisted

**Safety Clothing:** DIN ISO EN 15025:2003 -02, Method B (ISO 11612:2015)

**Transport and Aviation:** FAR/CS 25.853 a, App. F, Part I a 1, Amdt. 25/116

**Oekotex 100 Cl. 1:** Toxicity ABD 0031, Issue F, § 7.4

**Environmental Protection:** Smoke Emission ABD 0031, Issue F, § 7.3.2