KING

Sewing thread with anti static effect

E-guard

90% Polyester, 10% Composite Fiber (Polyester)

For Over Lock

For Lock Stitch

This is a thread with an electric restrictive property. The thread creates a Corona discharge which lowers static electricity. This prevents static cling and protects from electric shock when removing or putting on clothes. Moreover, this protects from stains due to the absorption of dust.

Use cases

Easy to cause static electricity problems

- Sweater
- Skirt
- Sports wear
- Clean room wear

E-guard allows you to

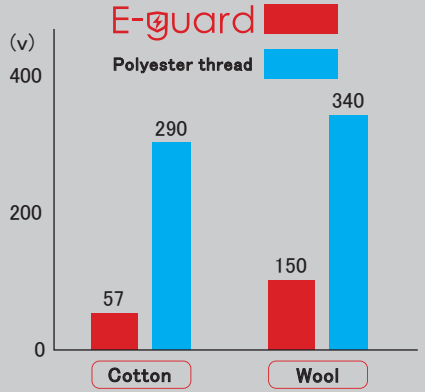
Effect

Reduce static electricity generated on clothes

Prevent static cling

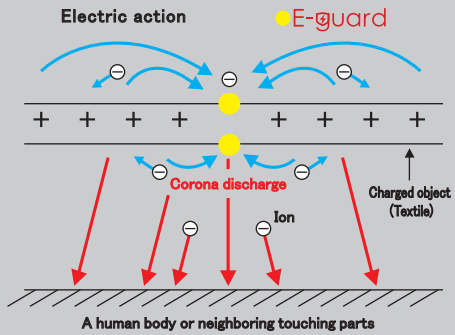
	Kind	Tex	Composition	Total deci tex	Strength	Elongation	Length	Number of Colors
For Lock Stitch	Equivalent to filament #50	24	256 dtex	285 dtex	13.5N (1,380gf)	21%	3,000m	30
For Over Lock	Equivalent to filament #60	16	178 dtex	200 dtex	9.2N (940gf)	20%	5,000m	30

Frictional charged voltage



※Test method: JIS L 1094 B method (Frictional charged voltage measuring method)
※Friction cloth: Cotton and Wool
※Condition of test room: 20°C, 40%
※Washing treatment: Untreated

What is Corona discharge?



When conductive fibers are placed near a charged object, their electrical action ionizes the surrounding air. This phenomenon is called “Corona Discharge”.

Effect of E-guard

Keep Balance with ⊕ and ⊖

Fibers rub against each other

Use E-guard

The balance is maintained

Not use E-guard

The balance is lost and static electricity is generated

Scan the QR code to view the product details page

You can also watch video

FUJIX is certified in the following international standards.

- ISO14001 Environmental management system
- OEKO-TEX® Standard 100 for customer confidence and high product safety

ISO 14001

OEKO-TEX® STANDARD 100

Style by your side
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