

# DURAK



## REFLECTIVE SEWING AND EMBROIDERY THREAD

### Reflective®

DURAK Reflective® is a sewing and embroidery thread with high reflectivity even in low light. It is an ideal thread for manufacturers who want to show the decorative reflective properties of their products. It is mainly designed for fashion applications but appeals to many different industries. In addition to its ideal abrasion resistance and high tenacity properties, Reflective® is quite impressive with its reflective feature that increases visibility even in the most difficult weather conditions. It seems like silver in daylight. When it shines light on it in the dark, it reflects white.



### Product Properties

- High level of reflectivity.
- Its color is silver in daylight. When it shines light on it in the dark, it reflects white.
- Smooth sewing/embroidery appearance thanks to special finishing processes.



# Reflective®

## Areas of Use

- Sportswear
- Decorative seams
- All sectors that require reflective effect
- Embroidery embellishment
- Workwear

## Physical Properties

Melts at 250 - 260°C and softens at 220 - 230°C.

Shrinkage is less than 1% at 150°C.

## Chemical Properties

**Mineral acids:** Resistant against most mineral acids.

**Alkalis:** Unaffected by weak alkalis, moderately resistant to strong alkalis.

**Organic solvents:** Unaffected by normal solvents, soluble in some phenolic compounds.

**Bleaching:** Unaffected.

**Microorganisms (Mildew/Rot):** Unaffected.

**Washing / Dry Cleaning:** Unaffected.

**Moisture regain:** %0.4



## Presentation

Durak Reflective® is offered in tkt number 30 thickness as standard.



## Thickness and Strength Chart

| Ticket No. | Nominal Tex | Strength CN | Elongation % | Needle Size (Nm) |
|------------|-------------|-------------|--------------|------------------|
| 30         | 90          | 1200        | 12           | 10 - 15          |