

TPU EVOLUTION®

THE 100% ITALIAN MADE POLYURETHANE YARN

WHY TPU EVOLUTION®

Excellent resistance to:

- abrasion
- hydrolysis
- UV rays – no yellowing
- oils, greases and solvents
- washing
- ageing

Antimicrobial

Flexible even at low temperatures

Termoformable

Bright colors

One product for many feasible solutions

GREEN CHOICE

● Solvent-free

● Colors produced with water-free technology

WASHING & CARE

Maximum ironing temperature 100° C, always protecting the garment with a cloth.



CERTIFICATES

- Compliant with REACH regulations



AVAILABLE COUNTS

- 330 dtex – Nm 30300
- 930 dtex – Nm 10800
- 520 dtex – Nm 19230 – available upon request only

The specific weight of TPU polyurethane affects the total weight of the yarn: therefore the final count cannot be compared to that of other fibers.

The yarn composition (High tenacity polyester core and TPU thermoplastic polyurethane coat) varies according to the final count.

Feel free to ask colours available in stock service.

USE

For use in both weft and warp for orthogonal fabrics.

Suitable for circular and flat bed knitting machines with range 7 gg. to 18 gg. and above, as well as for sewing and embroidery.

TPU Evolution® is supplied with guaranteed length ready for use. No further oiling or waxing is required.

FINISHING

1. REAL MANOPESCA

- Use a heat press or a felt transfer printing calender
- About 30 seconds at 120°-130°C using a glossy, super glossy or opaque silicone paper sheet to obtain the desired effect

2. LAMINATION

- Use a heat press or a felt transfer printing calender
- About 30 seconds at 140°-150°C using a glossy, super glossy or opaque silicone paper sheet to obtain the desired effects
- With this treatment the garment can become water resistant

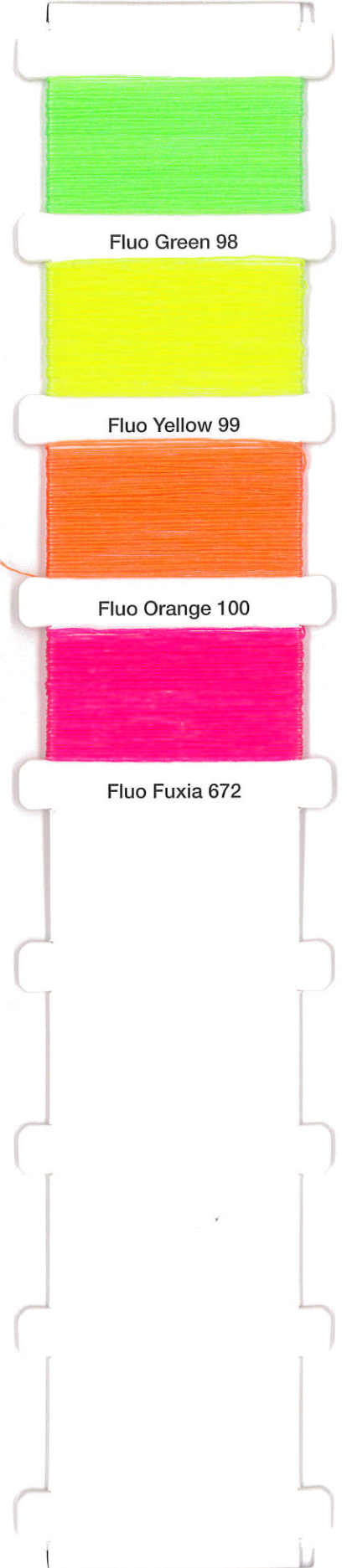
3. STRONG LAMINATION

- Use a heat press or a felt transfer printing calender
- About 30 seconds at 160°C and over using a glossy, super glossy or opaque silicone paper sheet to obtain the desired effect
- With this treatment the garment can become waterproof

Always check the result and change the temperatures / time according to the effect you would like to obtain.

The treatment performed to obtain the different effects might confer slight differences to the garments, which are to be considered an added value to the final result and an enhancement of the craftwork features.





Colors in this section are available only for
TPU Evolution® 930 Dtex

Fluo colors are available
only in 1250 Dtex