



## 1. Description

Product Characteristics	Advantages
Patented sewing thread with high-tech coating, 100% Polyester.	Thread type for light-weight to medium-weight sewing. While pressing at 120° C the high-tech coating is activated to reduce seam pucker and give high quality seam appearance. Further pressing of the seams is not necessary. <b>Saves time and money.</b>
Improve seam integrity	The activation of the high-tech coating in the seam produces an intensive bond between the thread and the fabric and <b>afixes the upperthread and underthread by stitch intertwine.</b>
Securing of button attachment	The activation on ironing largely <b>prevents loosening of the buttons.</b>
Embroidery automation Alterfil S 150 as underthread	The activation of the underthread by pressing the embroidery prevents puckering in embroidery motifs and the pulling-back of the needle and spool thread from the underside of the embroidery.

## 2. Raw Material / Sewing Thread Surface

Product Characteristics	Advantages
<ul style="list-style-type: none"> <li>- 100% high tenacity Polyester</li> <li>- Chemicals for the coating of thread are water-soluble and ecologically friendly</li> <li>- It fulfils the requirements for the textile eco-standard without any reservations</li> <li>- Optimum twist through bonding gliding properties</li> </ul>	<p>The high-tech coating protects the polyester sewing thread during the sewing process. Therefore <b>resistance to abrasion is high and seam strength excellent.</b></p> <p>The sewing thread is <b>suitable for all automatic sewing machines and sews best at high speeds and temperatures.</b></p>

## 3. Ticket Size & Sewing Thread Make Up

make up	cops	cones
ET-Nr. 150	1.000 m	5.000 m)**
120	1.000 m	5.000 m)**
100	1.000 m	5.000 m)**
80	1.000 m	5.000 m)*
50	500 m	5.000 m
35	300 m	3.000 m

)\* 10.000 m white, black, colours on inquiry

)\*\* 10.000 m, 20.000 m white, black, colours on inquiry

**All tickets in 460 colours available.**

Fashion colours added with every new season.

## 4. Technical facts / Needle Size

ET. Nr.	tensile strength	elongation	needle size
150	970 CN	18,0 %	Nm 70 - 80
120	1230 CN	18,5 %	Nm 70 - 80
100	1570 CN	19,0 %	Nm 80 - 90
80	2100 CN	19,0 %	Nm 90 - 100
50	3200 CN	19,5 %	Nm 100 - 120
35	4000 CN	20,0 %	Nm 110 - 130

**Excellent sewing**, good stability and wellbalanced elongation.

washfast	according to DIN EN 20105-C04
rub-resistance	according to DIN EN ISO 105-X12
hot-pressing	according to DIN EN ISO 105-X11
lightfast	according to DIN EN ISO 105-B01/B02
dry cleaning	according to DIN EN ISO 105-X05

**In programme of production also:**



soft + elastic



edge stitch, blind stich 180 + 240



PES text 100/120/250

high  
quality standard



certificate  
quality management

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