Product data sheet

Serafil *fine*

Polyester continuous filament

- the ideal sewing and embroidery thread for all fine materials
- delicate, silk-like, adaptive, semi-transparent
- for high-quality overedging not showing through
- for all felling and blindstitching work
- ideal for processing down
- for embroidering monograms and fine details

Technical data:

Ticket no.	Tex no.	Linear density (dtex) (DIN EN ISO 2060)	Linear density (Nm) (DIN EN ISO 2060)	Breaking force (cN) (DIN EN ISO 2062)	Elongation at break (%) (DIN EN ISO 2062)	Needle size Nm	Needle size No.
120	24	83 * 3	120 / 3	1535	19	70-80	10-12
150	21	104 * 2	96 / 2	1270	19	65-70	9-10
180 (120/2)	16	83 * 2	121 / 2	1039	19	65-70	9-10
300 (200/2)	10	53 * 2	187 / 2	663	17	60-65	8-9
420 (300/2)	7	37 * 2	270 / 2	450	13	50-65	5-9

Fastness properties:

Colour fastness to artificial daylight (ISO 105 B 02)	≥ 5
Colour fastness to bleaching with hypochlorite (ISO 105 N 01)	≥ 4-5
Colour fastness to dry cleaning (ISO 105 D 01)	≥ 4
Colour fastness to perspiration (ISO 105 E04)	≥ 4
Colour fastness to rubbing 1) dry (ISO 105 X 12)	≥ 4
Colour fastness to rubbing 1) wet (ISO 105 X 12)	≥ 4
Colour fastness to washing 60°C (ISO 105 C06 - C2S)	≥ 4
Colour fastness to water(ISO 105 E 01)	≥ 4

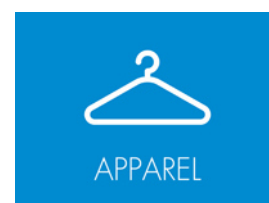### Thermal properties:

- Melting point: ~ 250-260°C

Care labels:

Article assortment:

Ticket no.	Tex no.	Embroidery ticket no.	Article no.	Make-up	Spool type	No. of colours
120	24	40	4250	4.000 m	FS	100
120	24	40	5669	15.000 m	FS	on request
150	21	50	4300	5.000 m	FS	100
180 (120/2)	16	60	6891	5.000 m	FS	100
180 (120/2)	16	60	8654	20.000 m	FS	on request
300 (200/2)	10	75	1319	5.000 m	FS	100
300 (200/2)	10	75	1848	20.000 m	FS	on request
420 (300/2)	7	100	8234	10.000 m	FS	100

Main application:

- Ladieswear, menswear
- Sportswear & outdoor
- Underwear & Lingerie

APPAREL

Further application:

- Embroidery

Certifications and special testings:

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100
93.0.4233 HOHENSTEIN HTTI
Tested for harmful substances.
www.oeko-tex.com/standard100