

Product data sheet

SYNTON

Polyester Continuous filament

- the reliable sewing thread for baggage, home interior, shoes and accessories
- for closing and decorative seams
- subtle sheen
- high seam strength
- high-performing during the sewing process



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 min. Nm	Needle size min. No.
4	1000	2575 * 4	4 / 4	60750	27	-	-
10	270	1100 * 3	9 / 3	18000	28	180	24
15	210	776 * 3	13 / 3	12460	27	150	23
20	135	520 * 3	19 / 3	9400	24	120	19
30	90	308 * 3	32 / 3	5400	23	100	16
40	70	267 * 3	37 / 3	4700	23	90	14
50	60	308 * 2	33 / 2	3700	21	100	16
60	45	169 * 3	59 / 3	3030	20	80	12
80	30	131 * 3	76 / 3	2190	18	70	10
100	30	155 * 2	65 / 2	1990	20	80	12

Syton is AMANN's second brand for continuous filament polyester and can contain system knots, for knot-free quality please refer to our premium product Serafil.

Fastness properties:

Colour fastness to artificial daylight (ISO 105 B02)	≥ 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 2) 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

These details and data are provided purely for informational purposes. The mentioned applications are given as examples only. Individual tests are important to ensure that required technical specifications are fulfilled. All technological Values are mean Values. Thicker needle sizes may be required depending on the material and sewing process.

Care labels:



Article assortment:

Ticket no.	Tex no.	Embroidery ticket no.	Article no.	Make-up	Spool type	No. of colours
4	1000	-	202400	1.000 g	kg	7
10	270	-	2311	1.000 m	FS	35
10	270	-	2021000	kg	kg	1
15	210	-	2313	1.500 m	FS	23
20	135	-	2281	600 m	FS	82
20	135	-	2314	2.500 m	FS	82
30	90	-	2285	900 m	FS	82
30	90	-	2316	4.000 m	FS	82
40	70	15	2287	1.200 m	FS	82
40	70	15	2317	5.000 m	FS	82
50	60	-	2025000	10.000 m	FS	on request
60	45	25	2290	1.800 m	FS	82
60	45	25	2323	5.000 m	FS	82
80	30	35	2331	10.000 m	FS	82
80	30	35	2322	2.400 m	FS	82
100	30	-	20210000	20.000 m	FS	on request

Legend:



Main application:

- Shoes
- Suitcases
- Bags
- Belts and small leather goods



Other applications:

- Apparel
- Home interior
- Embroidery
- Techtex

Certifications and special testings:

