



# Coats Astra

Coats Astra is a best-in-class staple spun polyester (SSP) thread with significantly higher sewing performance compared with regular SSP threads.

It is an exceptional thread of its type with dependable sewing performance where cost matters.

Astra meets the highest environmental and safety standards and is 100% polyester.

STAPLE SPUN  
POLYESTER

Product Information



## Main Uses:

- Knitwear
- Wovens
- Shirts and blouses
- Jackets
- Children's apparel
- Dresses
- Workwear
- Economy denim
- Underwear

## Why choose Astra?

- Astra makes for durable, long-lasting seams which look good throughout the sewn product lifetime.
- Sewers prefer Astra due to reduced machine downtime, higher productivity and consistent sewing performance compared with regular SSP threads.
- Low fault levels and dependable thread quality with everywhere availability.
- Astra special use products are specifically engineered with additional benefits e.g. Astra Rugged, Astra WF and Astra Quilt.
- Peace of mind from respected, responsible global company with clean and efficient operations.
- Consistent global approach to manage and minimise the environmental impact.
- High level of colour fastness.
- Certified to Öko-Tex Standard 100, class I, the most stringent class covering textile items for babies and toddlers.
- Meets Coats restricted substance list.

## Technical Services

Our team of experts deliver innovative solutions globally.





# Coats Astra

## Fine sizes

Art / Tkt	Tex	Ticket	Length	Strength cN	Elongation % Min - Max	Needle Size Metric
8754 180	18	180	5000m	600	13 - 20	65 - 75
8754 150	21	150	5000m	790	13 - 20	65 - 75
8754 140	21	140	5000m	720	13 - 20	75 - 90
8754 120	27*	120	5000m	970	13 - 20	75 - 90
8754 110	27	110	5000m	920	13 - 20	75 - 90
8754 100	27	100	5000m	970	13 - 20	75 - 90
8754 090	30	90	5000m	1260	13 - 20	75 - 90
8754 080	40	80	5000m	1410	13 - 20	75 - 90

\* in markets where Astra Tex 27, tkt 120 is a two ply thread, the strength value is 920 cN.  
Standard put-up length for fine sizes of Astra is 5000m. For long length put-up 10,000m; use article code 8756 in place of 8754.  
Some markets have alternative standard lengths; use 8740 for 4000m; use 8758 for 3000m.

## Medium sizes

Art / Tkt	Tex	Ticket	Length	Strength cN	Elongation % Min - Max	Needle Size Metric
8754 075	40	75	5000m	1440	13 - 20	90 - 110
8754 050	60	50	5000m	2080	13 - 20	100 - 120
8758 030	80	30	3000m	3180	15 - 22	110 - 130

Some markets have alternative standard lengths; use 8754 for 5000m; use 8758 for 3000m; use 8710 for 1000m.

## Coarse sizes

Art / Tkt	Tex	Ticket	Length	Strength cN	Elongation % Min - Max	Needle Size Metric
8720 025	105	25	2000m	4250	15 - 22	120 - 140
8720 024	120	24	2000m	4270	15 - 22	120 - 140
8720 020	150	20	2000m	5560	15 - 22	120 - 140
8710 018	180	18	1000m	5760	15 - 22	130 - 160
8710 015	200	15	1000m	7410	15 - 22	130 - 160
8710 010	240	10	1000m	8240	15 - 22	160 - 200

Some markets have alternative standard lengths; use 8720 for 2000m; use 8710 for 1000m.

## Textile care labelling



## Astra special use products

To complement the Astra range, we also have a selection of specialist Astra threads. Each of these have additional benefits specific to the end use.

Product Name	Description
<b>Astra Rugged</b>	Bleach fast for especially demanding industrial garment wash or denim treatments
<b>Astra WF</b>	Wash fast with high wash dyestuff selection. For contrast, decorative stitching on light colour fabrics
<b>Astra Quilt</b>	Specifically engineered for high speed operation on multi-directional quilting

Specialist Astra products are typically available across a select range of ticket sizes and technical information will in some cases vary from the above table.

For premium quality 100% polyester cospun sewing thread used by leading brands and manufacturers worldwide, please refer to Coats Epic:

<http://www.coatsindustrial.com/en/epic>

Since conditions and applications vary considerably in the use of thread, the thread user should assure herself or himself by preliminarily testing that the thread is suitable for the end use intended. Technical information listed above is based on current averages and should be taken only as indicative.

Despite utmost care and attention no liability whatsoever shall be assumed for the preciseness and correctness of the information provided. Product information sheets are updated from time to time, please be sure you are referring to the most recent publication.

