



# Coats Eloflex

Coats Eloflex is an innovative performance stretch sewing thread for high extension, stretch seams. It has good tenacity, high extension properties and excellent sewability.



STRETCH POLY

Product Information

## Main Uses:

- For stretch seams in performance sportswear and activewear
- Stretch jeans and jeggings
- For highly stretchable seams in footwear
- Neck seams and hemming operations
- Underwear
- Childrenswear

## Why choose Eloflex?

- Coats Eloflex delivers high extensibility and good seam strength with excellent sewability.
- Minimises the risk of seam extension failure on stretch fabrics.
- Enables high stretch lockstitch seams.
- Full range of thread sizes for all stretch fabric and stretch materials.
- High stretch and controlled elongation.
- Extensive range of colours.
- 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.





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Product Information

Art / Tkt	Tex	Ticket	Length	Strength cN	Elongation % Min - Max	Needle Size Metric
0322 120	27	120	3000m	900	50 - 70	75 - 90
0322 080	40	80	2000m	920	55 - 85	75 - 90
0322 050	70	50	2000m	1700	65 - 90	100 - 120
0322 030	105	30	2000m	2550	60 - 90	110 - 130
0322 020	135	20	2000m	3400	60 - 90	120 - 140

## Textile care labelling



## Areas of application

For lockstitch applications, always use Eloflex both in the needle and the bobbin to achieve optimal stretch in the seam.

Coats Eloflex has a high initial modulus which enables it to deliver the good loop formation properties that are critical to good machine sewing.

For soft and secure stretch seams for performance sportswear and next-to-skin garments, please refer to the below recommendations with Eloflex:

Stitchtype	Seam Description		Stretch Soft	
			OPTION I	OPTION II
<b>301</b>	Lockstitch Operations	Needle Bobbin	Eloflex 120 Eloflex 120	Eloflex 120 Eloflex 120
<b>406</b>	Coverseams	Needle Looper	Eloflex 120 Gramax 160	Eloflex 120 Seamsoft 160
<b>504 or 514</b>	Overlock	Needle Looper	Eloflex 120 Gramax 160	Eloflex 120 Seamsoft 160
<b>605 or 607</b>	Flatseams	Needle Looper Spreader	Eloflex 120 Gramax 160 Gramax 160	Eloflex 120 Seamsoft 160 Gramax 160

Please refer to the information hub, apparel expertise section for further guidance on sewing soft and secure seams:

<http://www.coatsindustrial.com/en/soft-and-secure-seams>

Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure herself or himself that the product meets end customer requirements and is suitable for the intended end use. Coats accepts no liability for unsuitable or improper use or application of products.

Information provided above is based on current averages and should be taken only as indicative. Coats accepts no liability 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. Coats supports customers with advice on individual applications on request; if you have any questions or concerns, please contact us.

