

#### 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
- Standard 100 by Oeko-Tex® Class I

#### **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



#### PRODUCT RANGE

Art/Tkt	Tex	Ticket	Length	Average Strength cN	Recommended Needle Size Metric	Elongation % Min - Max
0323 120	27	120	3000m	900	75 - 90	40-80
0323 080	40	80	3000m	920	75 - 90	45-85
0322 050	70	50	2000m	1700	100 - 120	55-90
0322 030	105	30	2000m	2550	110 - 130	55-90
0322 020	135	20	2000m	3400	120 - 140	60-90



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## **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-toskin garments, please refer to the below recommendations with Eloflex:

Ctitabtuma	Seam		Stretch Soft		
Stitchtype	Description		Option I	Option 2	
301	Lockstitch Operations	Needle Bobbin	Eloflex 120 Eloflex 120	Eloflex 120 Eloflex 120	
406	Coverseams	Needle Looper	Eloflex 120 Gramax 160	Eloflex 120 Seamsoft 160	
504 or 514	Overlock	Needle Looper	Eloflex 120 Gramax 160	Eloflex 120 Seamsoft 160	
605 or 607	Flatseams	Needle Looper Spreader	Eloflex 120 Gramax 160 Gramax 160	Eloflex 120 Seamsoft 160 Gramax 160	







# **CHEMICAL PROPERTIES**

	Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures		
Organic solvents:	Generally unaffected, but soluble in some phenolic compounds		
Bleaching: Ur	naffected		
Insects / microorganisms (mildew, rot):	Unaffected		
Laundering / dry cleaning: Ur	Unaffected		
Moisture regain: 0.	2%		



Washing at 60°C	(ISO 105 C10:2006 C(3))	Grade 4
Water Fastness	(ISO 105 E01:2010)	Grade 4
Rub Fastness	(ISO 105 X12:2001)	Grade 4
Hypochlorite Fastness	(ISO 105 N01:1993)	Grade 4
Dry Cleaning Fastness	(ISO 105 D01:2010)	Grade 4
Perspiration Fastness	(ISO 105 E04:2009)	Grade 4
Artificial Light Fastness	(ISO 105 B02:1994)	Grade 4





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### **EXPERT REAL WORLD SUPPORT**

The final cost of any thread also includes hidden costs, fuelled by the methods and tools applied to it. Our experts know exactly how to reduce those costs, save time and increase productivity.



#### Seamworks

Install our Seamworks software to accurately calculate costs prior to production, putting an end to the risk of over or under ordering materials, and incurring unnecessary extra costs. The Seamworks tool is provided with installation, training and ongoing support included.



#### One to One Visits

There's no need to come to us, our experts will travel to your site. In person, online or via the phone, our trained consultants deal with the kind of issues any busy factory may face, providing a solution for today and a blueprint for future efficiency.



#### **Training and Presentations**

From thread selection to stitch formation, the use of colour to solutions for common production issues, we take the learning gathered through years of hands on experience and present it in the form of high impact seminars, workshops and presentations.



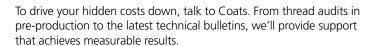
# **Embroidery Service Centre**

Our Embroidery Service Centre makes embroidering a design much easier, increasing productivity at the same time as enhancing the design itself. Email the design and any problematic issues to us and our technicians will email the improved design right back.



#### Innovation Hub

Collaborate directly with expert R&D technologists at our Innovation Hub to create pioneering and tailored solutions for products ranging from Performance Materials to Apparel and Footwear. Equipped with state-of-the-art technology, we quickly turn ideas into prototype designs ready for manufacturing.



For more information, talk to your Coats representative today or visit **coats.com** 





