

# World of Coats *sylko*

COATS  
*sylko*



TRILOBAL  
POLYESTER

Product Information



www.coats.com

Coats *sylko* is a trilobal polyester thread for machine embroidering. Its superior lustre, durability and smooth operation at the highest speeds have made it a popular choice among embroidery customers seeking performance and durability.

#### Main Uses:

- Sporting and athletic clothing
- Caps, bags and casual wear
- Clothing for tough outdoor uses
- Demanding appliqué operations



#### Features and Benefits:

- Coats *sylko* is a trilobal polyester thread for machine embroidering
- Produced using the most advanced technology to guarantee optimum performance
- Excellent lustre and durability
- Superior colour fastness and chemical resistance
- Unique lubrication resulting in highest productivity
- Superior abrasion resistance for rugged end-uses
- Certified to Öko-Tex Standard 100, class 1, the most stringent class covering babywear

## World of Coats

- Coats is the largest global thread supplier and has been the world's leading thread company for over 200 years.
- With manufacturing plants in over 40 locations and sales and distribution in more than 60 countries, Coats is uniquely placed to serve your thread needs anywhere in the world.
- Our state of the art colour communications management system, Coats ColourTalk®, enables exact sample matching and colour approval almost instantaneously between locations around the globe.

#### One colour range. One specification. Worldwide.

Coats operates to a global specification for Coats *sylko* with quality audited by a centrally located team.



Global Offer Tex. no.	Total Dtex	Ply	Target strength in grams	Elongation% min - max	Recommended needle size* Singer/Metric
27	280	2	1,200	19 - 26	11 / 75

(\*Needle size recommendations are a guide only and ultimately depend on the sewing application)



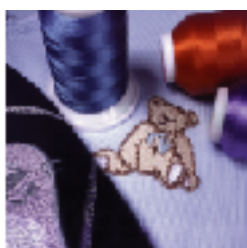
**Physical and chemical properties of trilobal polyester:**

**Thermal Properties**

- Melts at 250 - 260°C, softens at 220 - 240°C
- Shrinkage less than 1% @ 150°C

**Chemical Properties**

- Mineral acids: Resistant to most mineral acids
- Alkalis: 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: Unaffected
- Insects / microorganisms (mildew, rot): Unaffected
- Laundering / dry cleaning: Unaffected
- Moisture regain: 0.4%



**Coats *sylko* fastness properties**

- |                         |               |         |
|-------------------------|---------------|---------|
| • Wash Fastness         | (ISO 105 CO4) | Grade 4 |
| • Water Fastness        | (ISO 105 E01) | Grade 4 |
| • Rub Fastness          | (ISO 105 X12) | Grade 4 |
| • Hypochlorite Fastness | (ISO 105 NO1) | Grade 4 |
| • Dry Cleaning Fastness | (ISO 105 D01) | Grade 4 |

(These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels)



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