

Coats welcomes you to the World of colour and inspiration

POLYESTER COATS *astra* is a lubricated super high tenacity 100% staple spun polyester thread which has a uniform construction and is resistant to sunlight and chemical degradation, making it an exceptional thread with dependable sewing performance in high-speed and critical sewing operations.

Main Uses:

- Shirts and blouses
- Jackets
- Lingerie
- Underwear
- Workwear
- jeans



Features and Benefits:

- COATS *astra* 100% staple spun polyester, resistant to sunlight and chemical degradation
- Specially lubricated to deliver excellent sewing performance
- COATS *astra* -Wide range of colour at an affordable price
- Certified to OKO-tex standard 100, class I, the most stringent class covering baby wear

COATS
astra



STAPLE SPUN
POLYESTER

Info about the product

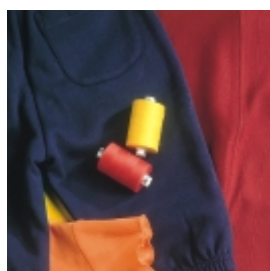




Article / Tkt	Tex	Size dtex	Strenght cN	Elongation %	Make-up m	Needle size Metric	Adoption
COATS <i>astra</i> 120	27	132x2	1000	14-16	1 000 5 000 10 000	70-80	underwear, gentle children's, women's and men's clothes, bed-clothes articles
COATS <i>astra</i> 80	40	194x2	1300	17-19	1 000 5 000	80-90	children's, women's and men's clothes, sport clothes and workwear
COATS <i>astra</i> 50	60	275x2	2200	16,5-18,5	5 000	90-120	heavy clothes, jeans, sleeping - bags, gentle leather articles, antimacassars
COATS <i>astra</i> 30	80	275x3	3400	18-20	5 000	110-130	decorated seams, heavy clothes, jeans, tents, upholstery furnitures

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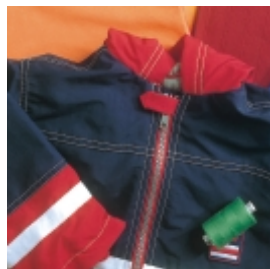
Physical and chemical properties of staple spun polyester:

Thermal Properties:

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

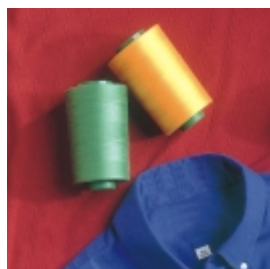
Chemical Properties:

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 *astra* fastness properties :

Wash Fastness:	(ISO 105 Co3)	Grade4
Water Fastness:	(ISO 105 E01)	Grade4
Rub Fastness	(ISO 105 X12)	Grade4
Hypochlorite Fastness:	(ISO 105 No1)	Grade4
Dry Cleaning Fastness:	(ISO 105 D01)	Grade4



Coats Polska

Coats Polska Sp. z o.o., ul. Kaczeńcowa 16, 91-214 Łódź
Tel.: +48 42 640 50 53, Fax +48 42 640 51 16
www.coats.pl

