## COATS alcazar

COATS alcazar ${ }^{\circledR}$ is a viscose rayon embroidery thread especially designed to operate smoothly at extraordinarily high machine speeds. Its superior luster and wide color range make it a popular choice among embroiderers.

COATS alcazar comes to you from the World of Coats and is available in more than 60 countries. As the world's largest thread supplier, Coats guarantees global quality and performance. Every COATS alcazar color has one number, one specification worldwide.


## Ideal Applications

- General purpose embroidery
- Delicate fabrics and laces
- Fleece, knit and cotton tops
- Small letters and detailing
- Appliqué embroidery

Why choose COATS alcazar?

- Superior lubrication to run at $800+$ SPM
- Exceptional batch-to-batch color consistency
- Attractive luster
- Wide range of colors
- Azo-free dyestuffs to meet Öko-Tex 100 environmental standards

COATS alcazar


VISCOSE RAYON


Product Specifications

| Global Offer <br> Tex No. | Total Dtex | Ply | Strength (oz.) | Elongation \% <br> min-max | Needle size* <br> Singer/Metric |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 290 | 2 | 20 | $15-19$ | $9 / 65$ |

(*Needle size recommendations are nominal and ultimately depend on the sewing application; companion ready-wound bobbins available.)


## Chemical Properties

Mineral acids: Resistant to medium acids
Alkalis: Resistant to medium alkalis
Organic solvents: Resistant to most solvents
Bleaching: Unaffected in most domestic conditions
Insects/microorganisms (mildew/rot): Unaffected
Laundering/dry cleaning: Unaffected


Fastness Properties (All Grade 4)

| Washfastness | (ISO 105 CO4) |
| :--- | :--- |
| Waterfastness | (ISO 105 E01) |
| Rub-fastness | (ISO $105 \times 12$ ) |
| Dry cleaning fastness | (ISO 105 D01) |


(These fastness grades represent minimum performance levels. In practice the majority of shades will exceed these levels.)


Not just for embroidery. For reputations.

