



The Best of Both Worlds.

Glide is the first trilobal polyester embroidery thread specifically engineered to combine the best properties of rayon and polyester.

The Benefits

The beautiful luster of rayon
Low stretch, like rayon, to eliminate loop faults
Exceptional break strength of polyester
Colorfastness and longevity of polyester

The Rayon Replacement



	Rayon	Glide	Conventional Polyester
Color	Rich and vibrant	Rich and vibrant (Luster of Rayon)	Shiny Plastic Look
Elongation Average	Low Stretch - 18%	Low Stretch - 18%	High Stretch - 25%
Loop Faults	No	No	Yes
Break Strength Avg.	Weak - Less than 1.75 lbs.	Strongest - At least 3.25 lbs.	Strong - 2.5-2.65 lbs
Colorfastness	Poor in Bleach, UV Light	Very Good	Very Good

COLOR _ Glide is able to duplicate the look of rayon. Testing has proven that a Glide color matched to a conventional rayon thread will produce the same rayon luster in the finished embroidery piece.

ELONGATION _ Glide is the only polyester thread with the same low elongation of rayon (see chart.) Low elongation is what prevents rayon from forming "loop faults" so common to conventional polyester threads.

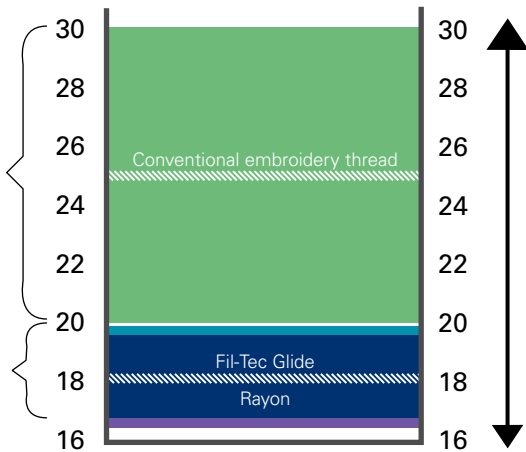
PRODUCT VARIATION _ Glide is a very consistent product with regards to elongation and surface friction. This means you can change colors without having to make the usual tension adjustments when sewing with conventional polyester threads.

ELONGATION (STRETCH) AT BREAK (%)

VARIATION

Conventional polyester has a 10% product variation, causing inconsistent tension from color to color

Fil-Tec Glide, like rayon, has only a 3% product variation for consistent tension from color to color



ELONGATION

Higher Elongation

More thread breakage
Looping
Puckering

No looping
Less puckering
Less thread breakage

Lower Elongation

WHAT THIS GRAPH SHOWS

VARIATION

Conventional embroidery thread - As you can see from the graph, all other polyester embroidery threads have a product variation of 10%. This large variation results in difficulty controlling thread tension, resulting in excessive thread breakage. In addition, this large variation explains why conventional threads require a tension adjustment when changing colors (a time consuming and frustrating task that results in higher scrap and less efficient production.)

Fil-Tec Glide - With a slight variation of only 3%, Glide will have significantly fewer thread breaks and will require fewer tension adjustments when changing colors.

ELONGATION _ Fil-Tec's Glide, like rayon, has much lower stretch than other leading embroidery threads. For example: Glide's average elongation at break is approximately 18% compared to 25% for conventional polyester embroidery thread. This low stretch means less thread breakage, reduced puckering and elimination of looping.

Advantage of low stretch
Less thread breakage
No more looping and reduced puckering
Consistent tension from color to color

Conventional polyester has an average elongation at break of 25% with a wide variation between colors of 20-30%.



Fil-Tec's Glide has an average elongation at break of 18% with a slight variation between colors of only 17-20%. This is comparable to rayon's variation of 16-19%