

## A Quick Reference Guide to using Sulky® Threads for Digitized Embroidery or Free-Motion Work

Type of Sulky Thread	Solid Colors Available	Variiegated Available	Multi-Colors Available	Type and Size Needle to use	Spool Pin Vertical	Spool Pin Horizontal	Top Tension	Can be used in the Bobbin	Yardage on Regular Spool	Yardage on King Spool	Yardage on Maxi-Spool	Yardage on Jumbo Cone
30 wt. Rayon	102	36	18	Embroidery/ Topstitch 90 or 100	ok	ok	Loosen Slightly	yes	180	500	N/A	5,500
40 wt. Rayon	333	36	19	Embroidery 80 or 90	ok	ok	Loosen Slightly	yes	250	850	1,500 <i>in 64 Colors</i>	5,500
60 wt. <b>New!</b> PolyLite™	36	0	24	Embroidery 75	ok	ok	Loosen Slightly	yes	440	N/A	1,500	N/A
40 wt. Poly Deco™	138	0	0	Embroidery 80 or 90	ok	ok	Loosen Slightly	yes	250	900	N/A	5,500
Original Metallic	27	0	9	Metallic or Topstitch 90	ok	ok	Loosen a lot	yes with care	165 <i>except multi-colors</i>	1,000 <i>in 9 Colors</i>	N/A	5,500 <i>in 4 Colors</i>
Sliver™ Metallic	22	0	2	Metallic or Topstitch 90	must	no	Very Loose	yes with care	250	N/A	N/A	N/A
Holoshimmer™ Metallic	22	0	2	Metallic or Topstitch 90	must	no	Very Loose	yes with care	250	N/A	N/A	N/A
30 wt. Cotton/ & Blendables®	66	0	84	Denim or Topstitch 90	ok	ok	Loosen Slightly	yes	N/A	500	N/A	3,200
12 wt. Cotton/ & Blendables®	66	0	84	Denim or Topstitch 90 or 100	ok	ok	Loosen Slightly	yes	N/A	330	N/A	2,100
Polyester Invisible	2	0	0	Embroidery 75, 80 or 90	ok	ok	Loosen Slightly	yes wind slow	440	2,200	N/A	24,600
60 wt. Polyester Bobbin and PolyLite™	2 36	0 0	0 0	N/A N/A	N/A N/A	N/A N/A	N/A N/A	yes yes	475 440	1,100 N/A	N/A 1,500	N/A N/A

## Attributes of each type of Sulky Thread and what they are mostly used for.

All are made from the highest quality raw goods available in the world, and they all come on snap-end spools that allow you to store your thread ends neatly.

Flip the snap-end open gently with your thumb.

All are machine Washable, Dryable, and Dry Cleanable.

\* Indicates that it is color-fast when washed with detergents that do not contain chlorine or optical brighteners.



\*✓ Very much the same luster as silk with silk's smoothness, but it is stronger than either silk or cotton thread of the same weight. ✓ Won't fray, fuzz or shrink. ✓ Less stretch than Polyester Thread. ✓ White can be over-dyed. ✓ Perfect for all machine work, sergers, knitting machines and handwork.

*Sulky 40 wt. Rayon is the thread most digitizers of computerized embroidery designs use as a standard. Sulky 30 wt. Rayon is 1/3 heavier than 40 wt. and 2/3 heavier than 50 wt. for greater stability, depth and unique color interest in decorative stitching and quilting. Industry experts calculate that one 250 yd. Sulky 40 wt. Rayon spool can create 44,000 embroidery stitches, while an 850 yd. Sulky King spool can create 156,000 stitches, and a 1,500 yd. Maxi-Spool can create 273,000 stitches.*

✓ 40 wt. Poly Deco™ is extremely strong and can also be used for general seam sewing. ✓ Both 40 wt. and 60 wt. are trilobal, continuous filament, polyester fibers. They are color-fast when washed with detergents that contain chlorine or optical brighteners, which makes them ideal for sewing and embroidering children's clothing, sports clothes and uniforms. ✓ 60 wt. PolyLite™ is so fine, it is ideal for quilting micro-stippling. ✓ It is also used as colored bobbin thread. ✓ Since it is so thin, a lot can be wound on a bobbin. ✓ Use PolyLite instead of silk thread for invisible, hand-turned appliques and quilt bindings. ✓ Also used for French Hand Sewing and sewing lingerie. ✓ 60 wt. PolyLite will give the best results when machine or free-motion embroidering small lettering or outlining. ✓ Won't fray, fuzz or shrink.

\*✓ It is a round, twisted thread of metallic fibers over a strong core. ✓ It does not fuzz, fray or shrink. ✓ Since all Metallics hate abrasion, always use a 14/90 needle, soft pliable stabilizer, and a 60 wt. bobbin thread; sew slower. ✓ Dry at low heat. ✓ Drycleanable.

\*✓ Both are a thin, flat, ribbon-like polyester film that is metalized with an aluminum layer to give it a brilliant reflectiveness. ✓ Holoshimmer™ is made with a holographic layer and is somewhat stronger than Sliver™. ✓ Does not fuzz, fray or shrink. ✓ Use only on a **vertical spool pin** since it is a flat thread; the twisting action from unwinding off a horizontal spool pin can cause breakage. ✓ When winding onto a bobbin, use a slow speed only. ✓ Always use a 14/90 needle, soft pliable stabilizer, and a 60 wt. bobbin thread; sew slower. ✓ Dry at low heat settings. ✓ Drycleanable. ✓ Do not apply direct heat from an iron. ✓ For craft use, you can curl it by wrapping it around a pencil and heating it.

\*✓ 2-ply 100% premium long staple Egyptian Cotton. ✓ Matte finish. Solids are perfect to make a country, primitive or antique look. ✓ Blendables® are perfect for machine quilting today's multi-colored, mottled or batik dyed fabrics. ✓ It does fuzz and will shrink slightly. ✓ Very soft feel. ✓ White can be dyed. ✓ Hand embroiderers, punchneedle enthusiasts and hand quilters find it the perfect weight and texture, and prefer it over floss since it come on a convenient spool that will not tangle and does not need to be separated like floss. ✓ Blendables® are multi-colors; 33 of them are subtle and masterful blends of different colors within the same range of tone and intensity. ✓ Randomly change color every 2-1/2" to 5".

✓ It is very fine .004 cross-wound monofilament of 100% Polyester. ✓ Softer, more flexible and more heat tolerant than nylon. ✓ It comes in Smoke and Clear on small or king-size, snap-end spools, or large cones. ✓ Wind on bobbins slowly and not quite full. ✓ Does not fuzz, fray or shrink.

✓ Black and White are lightweight (60 wt.) spun polyester. ✓ Commonly used in the bobbin for digitized computer embroidery. ✓ Won't fuzz, fray or shrink. ✓ PolyLite 60 wt. is made of trilobal, continuous filament, polyester fibers. ✓ The 36 colors of PolyLite are perfect when you want a similar color in the bobbin.