



Coats & Clark

Thread Advisor

A guide to selecting the right Coats thread for all your sewing needs.



Many times the only factor considered when selecting thread for a project is color. While color is important there are other things to consider as well. Will the thread be used for construction, quilting, machine embroidery? The way the thread is used may be functional or decorative but in either case using the right thread is important to the end results.

Thread is no longer the lowly afterthought on the list of supplies needed for a project. Often it is the featured attraction! Of course thread still holds the project together, but it is so much more. Thread can be used to add decoration, texture or color.

There are so many thread choices to make: which fiber, what size, the type of spool, color, multicolor, and yardage to name a few. Coats & Clark, America's #1 Name in Thread products, has been at the forefront in the development of choices in thread for over 190 years.

This handy guide provides information on the many threads we manufacture for fashion sewing, quilting, machine embroidery, home dec sewing, craft sewing and special embellishment techniques. It provides information on matching the thread to different fabric types and guides to needle selection.

Use this handy free guide as a home reference to help in the selection of just the right thread for your next project. Whatever you are creating—there is a Coats & Clark thread just right for you.

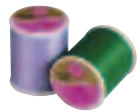
Coats Dual Duty Plus® Threads

ALL PURPOSE



- General purpose size for most hand and machine sewing.
- For natural and synthetic fibers, knits and wovens.

EXTRA FINE



- A fine thread that reduces seam puckering in light-weight fabrics.
- Perfect for heirloom sewing and machine embroidery.

TOPSTITCHING



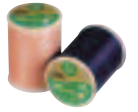
- A heavier and stronger thread to produce bold, prominent topstitching.
- Can be used for cording machine worked buttonholes, stitching handworked buttonholes.

BUTTON, CARPET & CRAFT



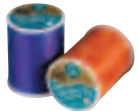
- Strongest and heaviest hand sewing thread.
- Polished glacé finish prevents thread abrasion and tangling.

HAND QUILTING



- For hand quilting only.
- Polished glacé finish provides abrasion resistance and prevents tangling and knotting.

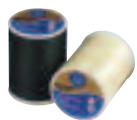
MACHINE QUILTING



- For piecing and quilting.
- Polyester core provides strength, abrasion resistance.
- Cotton wrap enhances sewability.

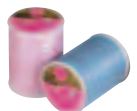
Coats Cotton Mercerized Cotton Threads

ALL PURPOSE



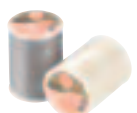
- Mercerized cotton thread is smooth and lustrous.
- For hand or machine sewing on natural woven fabrics.
- Size 50 available in 50 colors; sizes 8, 40 and 60 are also available in black & white to meet a variety of sewing needs.

HAND QUILTING



- For traditional hand quilters who prefer sewing with 100% cotton.
- Special glacé finish to prevent tangling and knotting and provide abrasion resistance.
- Available in solid or multi colors.

MACHINE QUILTING



- Long staple Egyptian Giza cotton for excellent sewability on natural fibers.
- Mercerized for strength and luster.
- Size 50, available on 300 yd. spools or 1200 yd. pencil tubes.
- Available in solid or multi colors.

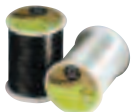
Coats Specialty Threads

SURELOCK® for Overlock Machines



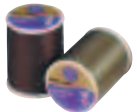
- A fine thread with the strength needed without extra bulk when 3, 4, or 5 threads are used.
- 100% polyester for durability.

TRANSPARENT NYLON MONOFILAMENT



- Use when invisible thread is desired for home dec, machine quilting or crafts.
- Available in sizes .004 and .005 for conventional or overlock sewing.

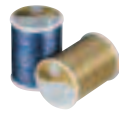
UPHOLSTERY THREAD



- For machine and hand sewing of upholstery, outdoor and heavyweight fabrics.
- 100% nylon, weather and UV resistant.

Coats Decorative Threads

METALLIC



- Ideal for machine quilting, decorative stitching, and appliqué.
- Suitable for conventional or overlock machine sewing, hand embroidery and cross stitch.
- Use a size 14 or 16 needle for machine sewing.

RAYON

Coats Rayon Thread, 40 wt.

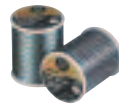


- Silk-like appearance for decorative applications.
- Standard for digitized embroidery.
- Available on spools or mini king spools.

Coats Rayon Thread, 30 wt.

- A heavier thread for bolder topstitching and greater coverage.

Coats Rayon Color Twist, 35 wt.



- A unique thread for decorative stitching and machine embroidery made up of two plies of different colors.



Rayon, 40 wt.



Color Twist, 35 wt.

Care of Rayon: Machine wash, warm; mild detergent. Do Not Bleach. Remove from washer immediately, tumble dry on low setting. Dry cleanable.

POLYESTER

Coats Trilobal Polyester



- Trilobal polyester, UV resistant, strong.
- Bleach-safe, ideal for baby items, outdoor wear and uniforms, items that will be laundered often.
- Compatible with most digitized embroidery designs.



Dept. DD-4, P.O. Box 12229
Greenville, SC 29612

www.coatsandclark.com

HOW TO BUY THREAD

• Quality is Important

A poor quality thread can cause sewing machine problems such as lint buildup on the machine, poor stitch formation, and frequent breakage. It can also cause tangles and knotting during hand sewing. Avoid this frustration by selecting a quality thread from Coats & Clark.

• Select the Right Type of Thread

Consider the weight of the fabric, the fabric construction (for example knit or woven), fiber content and how the project will be used when selecting thread.

• Choose the Right Thread Color

Select thread that is the same color or a shade darker than your fabric because it will appear lighter when it is sewn into the fabric. For plaids, tweeds, and prints, select thread to match the predominant color. To make shopping easier, all Coats zippers and tapes are color coordinated to Coats thread colors.

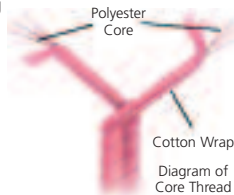
THREAD CONSTRUCTION

There are three major ways of making thread:

- By spinning staple fibers
- With a continuous filament
- Or by combining the two processes in the core construction.

Core Construction

Coats Dual Duty Plus® begins with a core of uniform super strong continuous multifilaments of polyester. The polyester core is then wrapped with the finest quality Pima, extra-long staple cotton making a single strand. Two strands are then twisted together to form Dual Duty Plus. Mercerization (a chemical bath through which the thread passes several times under tension) gives Dual Duty Plus extra luster and strength.



Spun Threads

Coats 100% cotton threads begin with long staple cotton fibers which are processed, spun and twisted into a single strand or ply. Three plies are twisted together in the opposite direction of the single strand to form the sewing thread. Mercerization increases the dye affinity in cotton thread, as well as improving its luster, strength and color fastness.

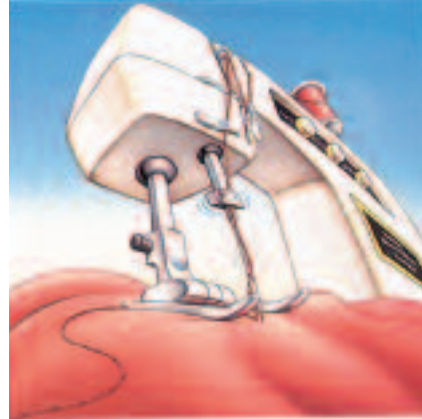
Continuous Filament Threads

Coats Rayon Thread and Coats Tri-lobal Polyester thread begin as a continuous strand of fiber. Each strand is uniform in size and strength. The plies of these multifilament threads are made up of a number of fine monofilaments twisted together. Transparent Nylon Monofilament thread is made of one continuous filament.

MACHINE STITCHING

The fabric, needle, machine and thread must all work together when machine sewing. For best results, remember these tips and follow the recommendations on the chart below.

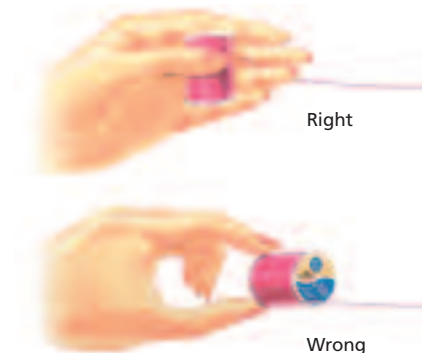
- Keep your machine clean and oiled.
- Wind the bobbin slowly and evenly.
- Change the needle every 2-3 projects or every 6 to 8 hours of sewing time.
- Sew at a steady, even pace.
- On a machine with an upright spindle place the notched end of the spool down. On a horizontal spindle, place the notched end toward the handwheel.



HAND STITCHING

When hand sewing, remember:

- Cut, never break the thread.
- Use a thread no longer than 20". Knots, tangles and abrasion are more likely to occur with a longer thread.
- Sew loosely with smooth motions.
- If the thread should twist because of the stitch you are using, let the needle hang free and untwist every few stitches.
- To prevent twisting and tangling, pull the thread from the side, not the top of the spool.



Thread & Needle Chart

FABRIC	THREAD		NEEDLE	
	General Purpose Sewing	Topstitching	Machine Sewing	Hand Sewing
Very Lightweight Batiste, chiffon, nylon tricot, organza, voile, as well as other sheer fabrics	Dual Duty Plus® Extra Fine	Dual Duty Plus® Extra Fine	Size 9 (65)	Size 9, 10
Lightweight Challis, chambray, crepe, crepe de chine, cotton knits, eyelet, gauze, georgette, gingham, interlock, jersey, percale, seersucker, silk, taffeta, microfiber		Dual Duty Plus® All Purpose	Size 11 (75)	Size 8, 9
Medium-weight Broadcloth, brocade, chino, chintz, corduroy, double knit, flannel, linen, oxford cloth, pique, poplin, satin, shantung, suiting, sweatshirt, swimwear, synthetic suedes, terry, velour, velvet, velveteen	Dual Duty Plus® All Purpose or Coats 100% Cotton for woven natural fabrics		Size 11 (75) or Size 14 (90)	Size 7, 8
Medium to Heavyweight Coating, denim, double knit, drapery fabric, fake fur, felt, fleece, gabardine, leather, leather-like, quilted fabric, sweater knits, ticking, twill, upholstery fabric		Dual Duty Plus® Topstitching & Buttonhole Twist, Coats Upholstery	Size 14 (90) or Size 16 (100)	Size 6
Heavyweight Canvas, duck, sailcloth, upholstery		Dual Duty Plus® Topstitching & Buttonhole Twist, Coats Upholstery	Size 18 (110)	Size 1-5
SPECIAL PROJECTS				
Hand Quilting	Dual Duty Plus® Hand Quilting or Coats Cotton Hand Quilting		Betweens/Quilting Hand Needle Size 7, 8, 9, or 10	
Machine Quilting	Dual Duty Plus® Machine Quilting or Extra Fine, Coats Trilobal Polyester, Coats Cotton Machine Quilting		Machine Needle Size 14 (90)	
Hand Appliqué	Dual Duty Plus® All Purpose		Betweens/Quilting Hand Needle Size 8 or 9	
Machine Appliqué	Coats Rayon Thread, Coats Trilobal Polyester, Dual Duty Plus® All Purpose or Extra Fine		Machine Needle Size 11 (75)	
Hand Sewing on Buttons, Heavyweight Fabrics, Rug Binding	Dual Duty Plus® Button, Carpet & Craft		Embroidery Crewel Hand Needle Size 6 or 7	
Machine Embroidery	Coats Rayon Thread, Dual Duty Plus® Extra Fine, Coats Trilobal Polyester		Machine Needle Size 11 (75)	
Upholstery	Coats Upholstery		Machine Needle Size 16 (100) or 18 (110)	