



Sewing Machine Needle Selection

Sailrite offers a large variety of high quality sewing machine needles. Follow these 3 easy steps to select the right needle for your application.



1



Identify which needle system fits your machine:



Sewing Machine	Needle System
Yachtsman, Apprentice, Home sewing machines (flat shank)	System 130
SR200, Long Arm	135 x 5, 134DI
Sailmaker	16 x 95, DB x 1
Ultrafeed, Sailrite 111, Big-N-Tall, Professional, Mini-Walker	135 x 16, 135 x 17



2



Choose the right needle type for your application:

- 


Round Point (Sharp) Needle is the most common needle type and can be used for all general sewing. Sharp point and completely round high quality shanks (without burrs that cause broken stitches and separations in thread strands).
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Ball Point Needle is a specialty needle specifically designed for sewing knit fabrics and stretchy materials. The blunt point preserves the elasticity of the fabric by allowing the thread to pass between the fibers of the fabric rather than through them. Completely round high quality upper shanks (without burrs that cause broken stitches and separations in thread strands).
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SD1 Needle is a specialty needle optimized for fine leather or leather clothing. Works well for heavy sailcloth assemblies. Cutting point is smaller than DI needle. Partially cuts, then pushes fibers out of the way.
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Serv7 Needle is a specialty needle with an optimized scarf shape for sewing through heavy fabrics. Perfect for use with Tenara lifetime thread (#14 or 16 recommended). Reinforced blades help avoid skipped stitches and reduce needle breakage. Generally needle size can be one less than normal.
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DI Leather Needle is a specialty needle designed for working with leather. Optimized for heavy, dry, hard leather. Blade cuts the fibers so that the needle does not have to separate them.

3

Select the appropriate needle size:

Needle sizes are listed by size and measurement (in mm x 100 above the scarf). For example, a #12 (80) is a small needle while a #22 (140) is a very large needle. Needle size is directly associated with type of material being sewn.

Thread & Needle Recommendation Chart
 Quickly identify the best needle size and thread for different fabrics.
<http://www.sailrite.com/PDF/Thread%20and%20Needle%20Recommendations.pdf>

4

Order Information*



● Serv7 Needles (10-Pack)

135 x 5	
#100775	#10 (70)
#100776	#11 (75)
#100777	#12 (80)
#100778	#14 (90)
#100779	#16 (100)
#100780	#18 (110)
#100781	#19 (120)

DB x 1	
#100782	#10 (70)
#100783	#12 (80)
#100784	#14 (90)
#100785	#16 (100)
#100786	#18 (110)

16 x 95	
#100787	#19 (120)

135 x 17	
#100788	#10 (70)
#100790	#14 (90)
#100791	#16 (100)
#100792	#18 (110)
#100793	#19 (120)
#100794	#21 (130)
#100795	#22 (140)



● Round Point (Sharp) Needles (10-Pack)

System 130	
#20211	#12 (80)
#20212	#14 (90)
#20213	#16 (100)
#20214	#18 (110)
#20216*	#20 (125)

135 x 5	
#276	#12 (80)
#277	#14 (90)
#278	#16 (100)
#279	#18 (110)

16 x 95	
#475*	#10 (70)
#477	#14 (90)
#20220	#16 (100)
#468	#18 (110)
#20222	#20 (125)
#479	#21 (130)
#476	#22 (140)
#480	#23 (160)

135 x 17	
#761	#10 (70)
#561023	#12 (80)
#5010	#14 (90)
#857	#16 (100)
#4910	#18 (110)
#7010	#20 (125)
#153	#22 (140)

*Organ brand needle (not Schmetz)

● Needle Assortment Pack

Includes: 40 - 135 x 17 Round point needles, deluxe seam ripper, and maintenance brush.

#5343 10 each: #14, 16, 18 & 20

◆ DI Leather Needles

System 130	
#100811	#16 (100): 5-Pack
#103301	#19 (120): 5-Pack

134DI	
#100796	#18 (110): 10 Pack
#100797	#20 (125): 10 Pack

135 x 16	
#100798	#18 (110): 10 Pack
#100799	#20 (125): 10 Pack
#100800	#21 (130): 10 Pack
#100801	#22 (140): 10 Pack
#100802	#23 (160): 10 Pack

▶ SD1 Needles (10-Pack)

135 x 5	
#100804	#12 (80)
#100805	#18 (110)

DB x 1	
#100803	#14 (90)

135 x 17	
#100806	#22 (140)

● Ball Point Needles (10-Pack)

135 x 17	
#103073	#14 (90)
#103074	#18 (110)
#103075	#20 (125)
#103283	#21 (130)

*Current pricing is available at www.sailrite.com