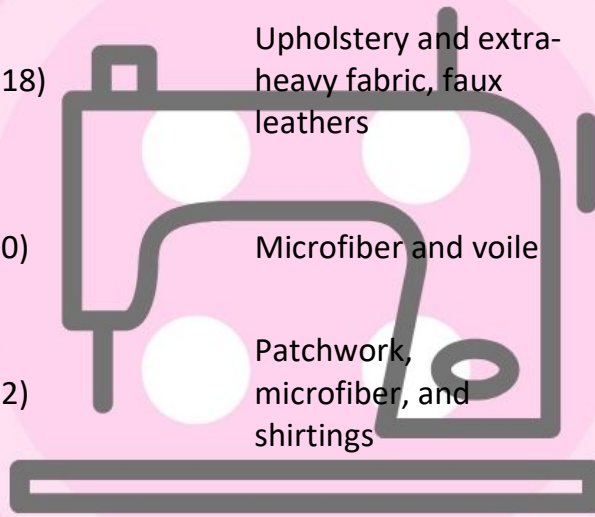


Types of Needles	Size of the Needle	Type of Fabric	Types of Thread
Universal needle	70 (10)	Delicate silk, sheers, voile	General polyester machine thread
	80 (12)	Light wool, rayon, poplin, shirtings	General polyester machine thread
	90 (14)	Linen, medium-heavy fabrics, calico	General polyester machine thread
	100 (16)	Heavy fabric, bag making, upholstery	General polyester machine thread
	110 (18)	Upholstery and extra-heavy fabric, faux leathers	General polyester machine thread and upholstery thread
Sharp needles	70 (10)	Microfiber and voile	General polyester machine thread
	80 (12)	Patchwork, microfiber, and shirtings	General polyester machine thread
	90 (14)	Topstitching	General polyester machine thread
Ballpoint needles	70 (10)	Tricot and light knits	General polyester machine thread
	80 (12)	Lacoste and interlock	General polyester machine thread
	90 (14)	Double knit and medium-heavy knits	General polyester machine thread
Stretch needles	75 (11)	Elasticised fabrics and light lycra	General polyester machine thread
	90 (14)	Elasticised fabrics, elastic-heavy lycra	All purpose polyester machine thread



Types of Needles	Size of the Needle	Type of Fabric	Types of Thread
Jeans needles	90 (14)	Tightly woven fabrics and denim	Extra Strong Upholstery thread
	100 (16)	Furnishings, vinyl, and heavy denim	Extra Strong Upholstery thread
Leather needles	90 (14)	Suede and leather	Extra Strong Upholstery and All purpose polyester machine thread
	100 (16)	For leather and suede only. Do not use for synthetic leather	Extra Strong Upholstery and All purpose polyester machine thread
Metafil needles	80 (12)	Decorative sewing on different fabrics	Extra Strong Upholstery and All purpose polyester machine thread
Quilting needles	80 (12)	Quilts made from polyester, wool, or cotton with a wadding center	Natural Cotton thread
Embroidery needles	75 (11)	Decorative sewing on lightweight textiles	Machine Embroidery or all purpose polyester machine thread
	90 (14)	Decorative sewing on heavy textiles	Machine Embroidery or all purpose polyester machine thread
Twin needles	various	Mostly decorative sewing on multiple fabrics	Use the type of thread suitable to the fabric type as above.

