

APQS Needle and Thread Reference Guide



Thread Company/ Thread Name	Thread Type	Thread Weight	Longarm Needle Recommendation*	Home Sewing Machine Needle Recommendation*
HAB+DASH BY FIL-TEC				
Glide	Trilobal Poly	40	MR 4.0	11/75
Glide 60	Poly	60	MR 3.5	9/65
Cairo-Quilt	Cotton	50	MR 4.0	90/14
Premo-Soft	Poly	50	MR 4.0	90/14
Harmony Variegated	Cotton	40	MR 4.0	90/14
Affinity Variegated	Poly	40	MR 4.0	11/75
Essence Invisible .004	Nylon		MR 3.5	70/10

SUPERIOR THREADS				
So Fine!	Poly	50	MR 4.0	90/14 Topstitch
King Tut	Cotton	40	MR 4.5	90/14 Topstitch
Magnifico	Trilobal Poly	40	MR 4.0	90/14 Topstitch
Fantastico	Trilobal Poly	40	MR 4.0	90/14 Topstitch
Bottom Line	Poly	60	MR 3.5	90/14 Topstitch
MicroQuilter	Poly	100	MR 3.5	70/10 Topstitch
MonoPoly Invisible	Poly	100	MR 3.5	70/10 Topstitch
Omni	Poly Wrapped Poly	30	MR 4.5	90/14 Topstitch
Omni V (variegated)	Poly Wrapped Poly	30	MR 4.5	90/14 Topstitch

WONDERFIL THREADS				
Master Quilter™	Poly	40	MR 4.0	90/14 or 75/11 Topstitch
Konfetti™	Cotton	50	MR 4.0	80/12 Topstitch
Ultima™	Cotton wrapped Poly	40	MR 4.0	80/12 Topstitch
InvisaFil™	Cottonized Poly	100	MR 3.5	75/11 Microtex/Sharp
DecoBob™	Poly	80	MR 3.5	75/11 or 90/14 Microtex /Quilting

*Needle size suggestions are based on thread and longarm manufacturer recommendations. Variables in batting, fabric, quilt loading, speed and tension settings may require moving up or down from the recommended size.

APQS NEEDLE RECOMMENDATIONS	
APQS Needle Size	Thread Weight Range
MR 3.5	100 wt. - 50 wt.
MR 4.0	60 wt. - 35 wt.
MR 4.5	40 wt. - 12 wt.

HOME SEWING MACHINE NEEDLE CHARACTERISTICS	
Topstitch	Sharp point, extra-long eye prevents premature thread wear and breakage
Quilting	Extra-long shaft and tapered point to penetrate multiple layers
Microtex/Sharp	Slender and sharp to penetrate finely woven fabrics or applique