

Functionality comparison table

☆ : Top Level ◎ : Excellent ○ : Good △ : Unsuitable

Product Name	Material	Thread Type		Thread Diameter (μm)	Dimensional Stability	Adhesion	Ink Permeability
Smartmesh®-P	Polyester	Monofilament	Standard polyester	64~500	○	○	○
		Monofilament	High strength polyester	34~54	○	○	○
		Monofilament Double Layered Thread	[Core] Ultra-high strength polyester [Sheath] Highly elastic polyester	27~30	◎	◎	◎
Smartmesh®-HP+	Polyester	Monofilament Double Layered Thread	[Core] Ultra-high strength polyester [Sheath] Highly elastic polyester	27~34	☆	◎	◎
LX	Polyester (partially-fused type)	Monofilament Double Layered Thread	[Core] High strength polyester [Sheath] Heat-fused polyester	48~55	○	○	○
LH	Polyester (completely-fused type)	Monofilament (Warp) Multifilament (Weft) Double Layered Thread	[Core] High strength polyester [Sheath] Heat-fused polyester	55 × 65	○	○	○
TG	Polyester	Multifilament (Warp) Multifilament (Weft)	Standard polyester Standard polyester	83	○	○	○
		Monofilament (Warp) Multifilament (Weft)	Standard polyester Standard polyester	45~83	○	○	○
TXX	Polyester	Multifilament	Standard polyester	83~130	○	○	○
Smartmesh®-N	Nylon	Monofilament	Standard nylon	30~300	△	◎	◎
SX	Composite thread of nylon and polyester	Monofilament Double Layered Thread	[Core] High strength polyester [Sheath] Nylon	26~48	○	◎	◎
Micromesh®	Stainless steel	Monofilament	High-strength stainless steel	23 or less	☆	○	○
	Stainless steel	Monofilament	Ultra-high strength stainless steel	25 or less	☆☆☆	○	◎
	Tungsten	Monofilament	Tungsten	13 or less	☆☆☆	○	◎