

Revolution Sutures



Comparison Chart

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	Q-close®	STRUCTURE	SUTURE TYPE	COMPOSITION	COATING	COLOUR	BSR [†] PROFILE	ABSORPTION PROFILE	SIZES (U.S.P)	ETHICON	MEDTRONIC
ABSORBABLE	Q-close® Synth Fast	Braided	Synthetic Short-Term Absorbable	Polyglactin 910	Polyglactin 370 Calcium Stearate	Undyed	In vivo strength retention: 7 days - 45% retained	42 days	6-0 to 0	Vicryl™ Rapide	Velosorb™ Fast
	Q-close® Synth	Braided	Synthetic Mid-Term Absorbable	Polyglactin 910	Polyglactin 370 Calcium Stearate	Violet or Undyed	In vivo strength retention: 14 days - 75% retained 21 days - 50% retained 28 days - 25% retained	56-70 days	6-0 to 2	Vicryl™	Polysorb™
	Q-close® Mono	Monofilament	Synthetic Mid-Term Absorbable	Poligecaprone 25	Uncoated	Violet or Undyed	In vivo strength retention: 7 days - 70% retained 14 days - 40% retained	90-120 days	5-0 to 2	Monocryl™	Caprosyn™ Biosyn™
	Q-close® PD Synth	Monofilament	Synthetic Long-Term Absorbable	Polydioxanone	Uncoated	Violet	In vivo strength retention: 14 days - 75% retained 28 days - 65% retained 42 days - 55% retained	180 days	5-0 to 1	PDS™	Maxon™
	Q-close® Barbed	Monofilament Barbed	Synthetic Long-term absorbable	Polydioxanone	Uncoated	Violet	In vivo strength retention: 14 days - 75% retained 28 days - 65% retained 42 days - 55% retained	180 days	4-0 to 2	Stratafix™ Spiral PDO	V-Loc™ 180
NON-ABSORBABLE	Q-close® Nylon	Monofilament	Synthetic Non-absorbable	Nylon - Polyamide 6 & Polyamide 6/6	Uncoated	Black or Blue	Prolonged tensile strength retention	Gradual loss of tensile strength over a period of time	6-0 to 2	Ethilon™ Nurolon™	Monosof™ Dermalon™
	Q-close® Poly-P	Monofilament	Synthetic Non-absorbable	Polypropylene	Uncoated	Blue	Permanent tensile strength retention	Indefinite	10-0 to 4	Prolene™	Surgipro™ Surgipro II™
	Q-close® Silk	Braided	Natural Non-absorbable	Silk - organic protein called Fibroin, derived from the domesticated species Bombyx mori	Bees Wax	Black	Prolonged tensile strength retention	Gradual loss of tensile strength over a period of time	5-0 to 1	Perma-hand™	Sofsilk™
	Q-close® Bond	Braided	Synthetic Non-absorbable	Polyester	Silicone	Green or White	Permanent tensile strength retention	Indefinite	5-0 to 2, and 5	Ethibond™	Surgidac™ TiCron™

[†]BSR= breaking strength retention (tensile strength of suture in vivo)