
















## Non-Absorbable Sutures

	Optilene™ 	Premilene® 	PremiCron® 	Dafilon® 	Trelon™ 	Dagrofil™ 	Silkam® 	Steelex® 
Absorption Type	Non-Absorbable	Non-Absorbable	Non-Absorbable	Non-Absorbable	Non-Absorbable	Non-Absorbable	Non-Absorbable	Non-Absorbable
Structure	Monofilament	Monofilament	Braided	Monofilament	Braided	Braided	Braided	Monofilament, Twisted*
Color	Blue	Blue	Green, White	Blue, Undyed Black	Black	Green, white	Black, white	Metallic
Chemical Composition	Polypropylene and Polyethylene	Polypropylene	Polyester	Polyamide (nylon)	Polyamide (nylon)	Polyester	Natural Silk	Stainless Steel
Coating	Uncoated	Uncoated	Silicone	Uncoated	Silicone	Uncoated	Wax and Silicone	Uncoated or Polyethylene*
Origin	Synthetic	Synthetic	Synthetic	Synthetic	Synthetic	Synthetic	Natural	Metal
Sizes	USP 10/0 to USP 0	USP 10/0 to USP 2	USP 6/0 to USP 5	USP 11/0 to USP 2	USP 6/0 to USP 1	USP 6/0 to USP 3	USP 8/0 to USP 6	USP 5/0 to USP 7*
Mass Absorption								
Tensile Strength Retention								
Ethicon	Prolene® <sup>1</sup> Pronova® <sup>1</sup>	Prolene® <sup>1</sup> Pronova® <sup>1</sup>	Ethibond Excel® <sup>1</sup>	Ethilon® <sup>1</sup>	Nurolon® <sup>1</sup>	Mersilene® <sup>1</sup>	Perma-Hand® <sup>1</sup> Silk Mersilk™	Stainless Steel
Covidien	Surgipro® <sup>1</sup> Surgipro® II	Surgipro® <sup>1</sup> Surgipro® II	Ti-Cron® <sup>1</sup>	Monosof® <sup>1</sup> Dermalon® <sup>1</sup>	Surgilon® <sup>1</sup>	Surgidac® <sup>1</sup>	Sofsilk® <sup>1</sup>	Steel

\*Steelex® Electrode Set; available in USP 3/0 to USP 0

## Absorbable Sutures

	Monosyn <sup>®</sup>	MonoPlus <sup>®</sup>	Safil <sup>®</sup> Quick	Safil <sup>®</sup>	Novosyn <sup>®</sup> 1	Softcat <sup>®</sup> Plain	Softcat <sup>®</sup> Chrom
							
Absorption Type	Mid Term Absorbable	Long Term Absorbable	Short Term Absorbable	Mid Term Absorbable	Mid Term Absorbable	Short Term Absorbable	Mid Term Absorbable
Structure	Monofilament	Monofilament	Braided	Braided	Braided	Twisted	Twisted
Color	Violet, Undyed	Violet	Undyed	Violet, Undyed	Violet, Undyed	Beige (Undyed)	Brown (Undyed)
Chemical Composition	Glyconate	Polydioxanone	Polyglycolic acid	Polyglycolic acid	Poly(glycolide-co-l-lactid 90/10)	Purified Collagen	Purified Collagen Treated with Chromium Salt
Coating	Uncoated	Uncoated	Glyconate	Glyconate or Uncoated* * USP 10/0 and 9/0	Poly(glycolide-co-l-lactid 35 / 65) + Calcium Stearate	Uncoated	Uncoated
Origin	Synthetic	Synthetic	Synthetic	Synthetic	Synthetic	Natural	Natural
Sizes	USP 5/0 to USP 1	USP 7/0 to USP 2	USP 7/0 to USP 2	USP 10/0 to USP 2	USP 8/0 to USP 2	USP 6/0 to USP 4	USP 6/0 to USP 4
Mass Absorption	After 60-90 Days	After 180-210 Days	After 42 Days	After 60-90 Days	After 56-70 Days	After 70 Days	After 90 Days
Tensile Strength Retention	1 Day 100 % 14 Days 50 % 21 Days 20 %	1 Day 100 % 14 Days 90 % 28 Days 50 %* 35 Days 50 %† * ≤ USP 4/0 † ≥ USP 3/0	1 Day 100 % 5 Days 50 % 10-14 Days 0 %	1 Day 100 % 14 Days 60-70 % 21 Days 24-42 %	1 Day 100 % 14 Days 56-75 % 21 Days 35-52 % 28 Days 23 %	1 Day 100 % 7 Days 50 %	1 Day 100 % 14 Days 50 %
Ethicon	Monocryl <sup>®</sup> 2	PDS <sup>®</sup> 2 II	Vicryl Rapide <sup>™</sup> 2	Vicryl <sup>®</sup> 2	Vicryl <sup>®</sup> 2	Plain Gut	Chromic Gut
Covidien	Biosyn <sup>®</sup> 2	Maxon <sup>®</sup> 2	Velosorb <sup>®</sup> 2	Polysorb <sup>®</sup> 2 Dexon <sup>®</sup> 2	Polysorb <sup>®</sup> 2 Dexon <sup>®</sup> 2	Plain Gut	Chromic Gut

<sup>1</sup> Degradation profile will vary by USP. Please see IFU at [www.aesculapusa.com](http://www.aesculapusa.com) for further information.

<sup>2</sup> Trademarks of Johnson & Johnson Corporation, Ethicon or Covidien