

Guide to choosing the right reload and buttress for your procedure

Focusing on the tissue thickness range instead of color helps you choose the most effective reload for your patient situation.

Reload selection quick guide

Tri-Staple™ Reloads		ECHELON™ GST Reloads	
	Tan		White
	Purple		Blue
	Black		Green

Above comparisons based on intended tissue thickness ranges.

Reload selection detailed guide

Tri-Staple™ Reloads			ECHELON™ GST Reloads		
	Tissue thickness range ²	Closed staple height ¹		Tissue thickness range ³	Closed staple height ⁴
	0.88 – 1.5mm	Outer: 1.32mm Middle: 0.95mm Inner: 0.84mm		1.0 – 2.0mm	1.0mm
	1.5 - 2.25mm	Outer: 2.09mm Middle: 1.79mm Inner: 1.59mm		1.5 – 2.4mm	1.5mm
	No directly comparable options			1.8 - 3.0mm	1.8mm
	2.25 - 3.0mm	Outer: 2.24mm Middle: 2.03mm Inner: 1.93mm		2.0 - 3.3mm	2.0mm
	No directly comparable options			2.3 - 4.0mm	2.3mm

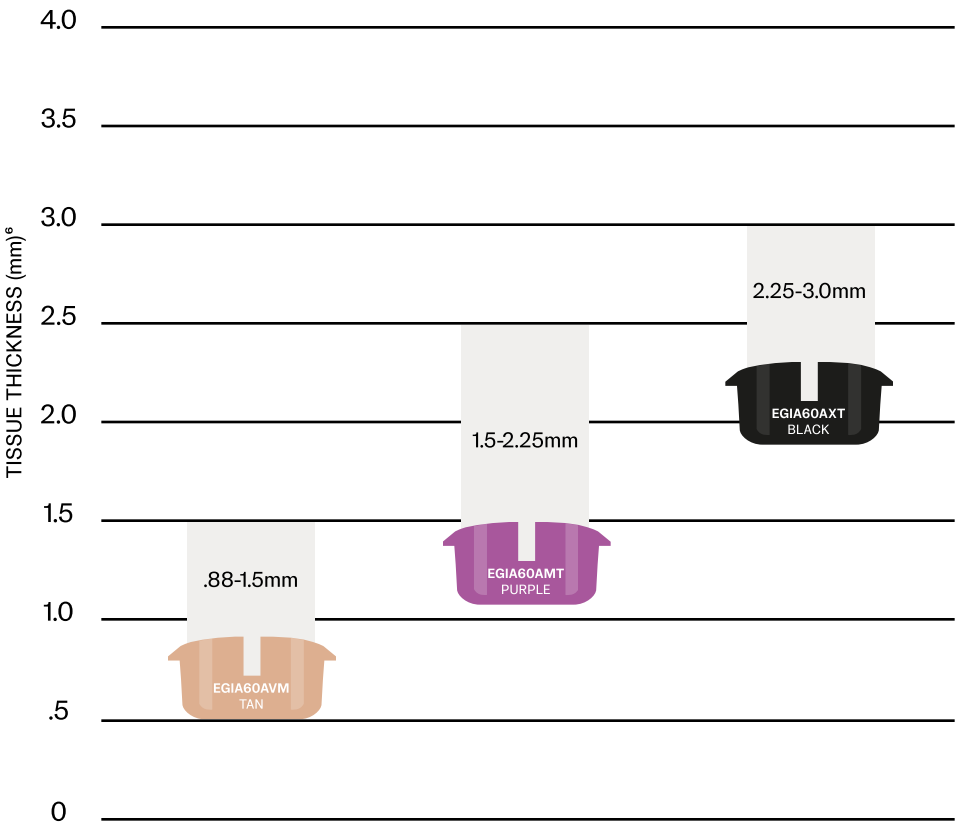
Example of formed staples⁵

Tri-Staple™ Tan Reload			ECHELON™ GST White Reload		
	Outer row			Outer row	
	Middle row			Middle row	
	Inner row			Inner row	

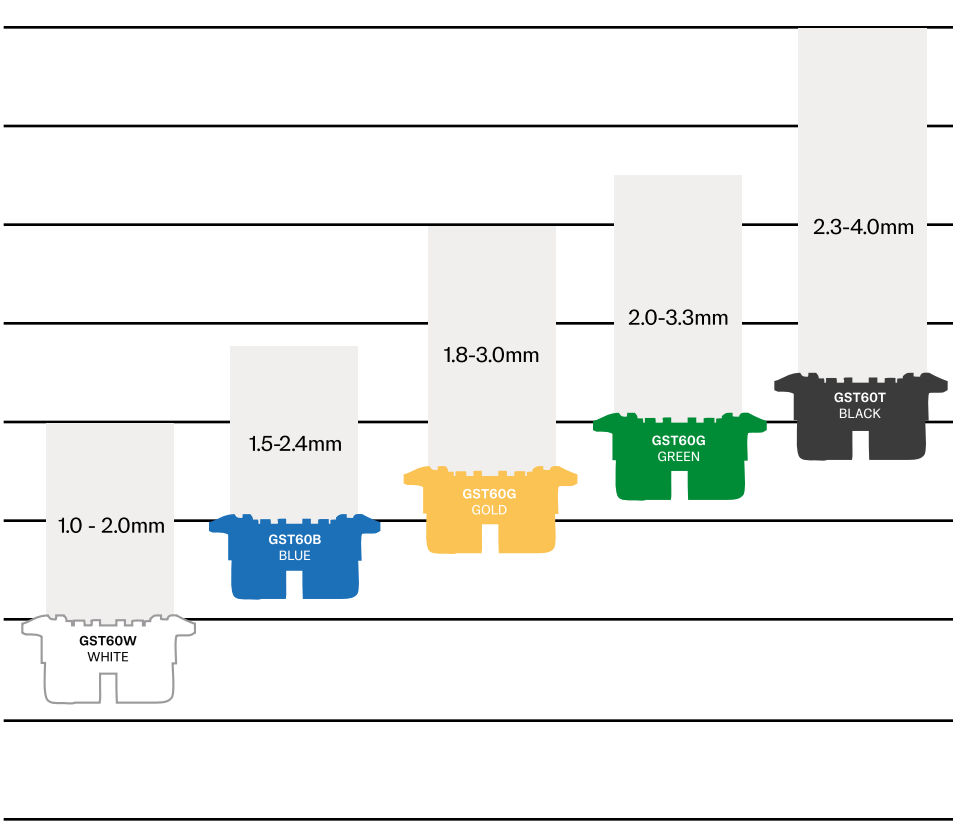
Exceptional staple line integrity across the broadest range of tissue thickness⁶

Reliable staple formation across the broadest range of tissue thickness

Tri-Staple™ Reloads



ECHELON™ GST Reloads



Additional reload option

Endo GIA™ Gray Reload



ECHELON ENDOPATH™ Gray Reload



How buttress affects reload selection

Total 2-layer thickness⁷



ECHELON ENDOPATH™ Staple Line Reinforcement



GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement



PERI-STRIPS DRY with VERITAS Collagen Matrix Staple Line Reinforcement

Reload considerations

Current buttress practice	2-layer thickness change with ECHELON ENDOPATH™ Staple	Consider choosing a reload...
GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement	–0.1mm	Same reload color or –1 reload color
PERI-STRIPS DRY with VERITAS Collagen Matrix Staple Line Reinforcement	–0.5mm	–1 reload color
Endo GIA™ Reinforced Reload with Tri Staple™ Technology	0.0mm	Refer to reload selection quick guide on first page
No buttress	+0.3mm	Same reload color or match tissue thickness

1 Per internal testing. 2 Intended tissue thickness: Per manufacturer IFU. 3 Tissue thickness range: Porcine tissue measured at 8g/mm2 prior to firing. 4 Per IFU. 5 Benchtop firing of staples into thin test medium. 6 The ECHELON FLEX™ GST System was designed and tested to meet rigorous design requirements for staple line integrity. The GST System accommodates a tissue thickness range of 1.0mm to 4.0mm (measured at 8g/mm2, tissue comfortably compressed to closed staple height during firing per IFU) while the Medtronic Tri-Staple™ portfolio is intended for a tissue thickness range of 0.75mm to 3.0mm (per IFU & materials downloaded from Medtronic website on Nov 16, 2016). 7 Per benchtop testing

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