







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.

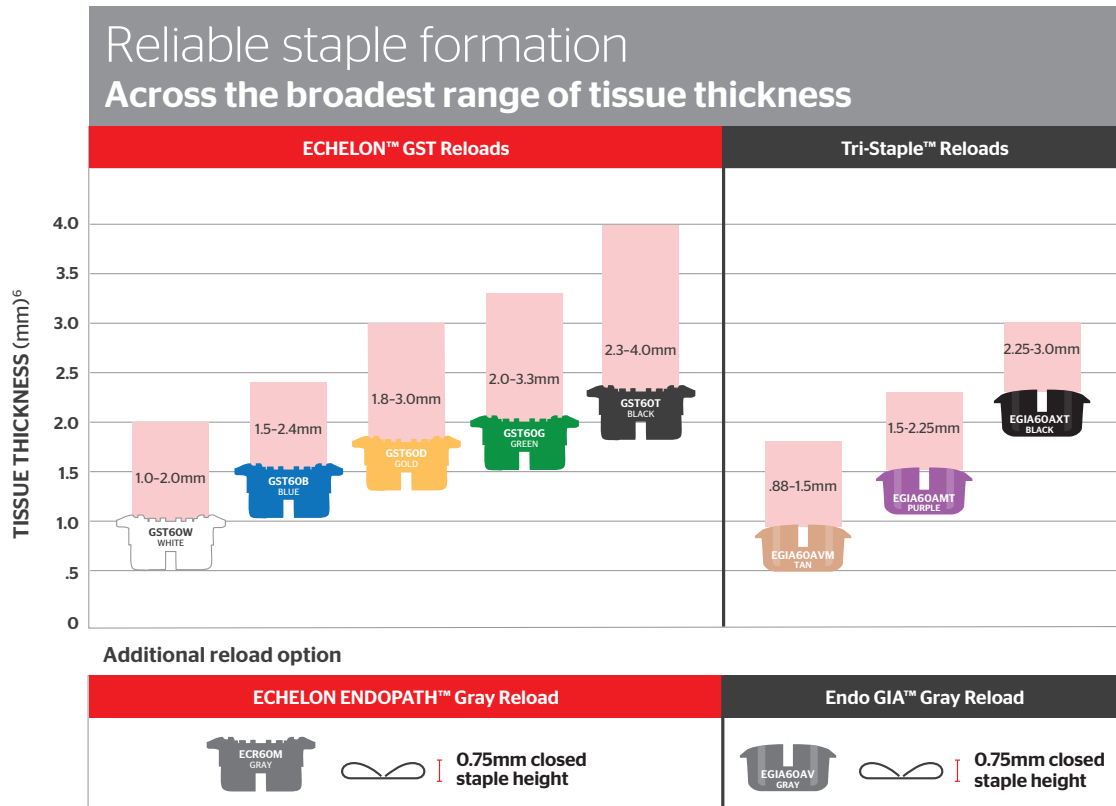
Reload selection detailed guide

Tri-Staple™ Reloads			ECHELON™ GST Reloads		
Closed staple height ¹	Tissue thickness range ²			Tissue thickness range ³	Closed staple height ⁴
Outer: 1.32mm Middle: .95mm Inner: .84mm	.88-1.5mm			1.0-2.0mm	1.0mm
Outer: 2.09mm Middle: 1.79mm Inner: 1.59mm	1.5-2.25mm			1.5-2.4mm	1.5mm
No directly comparable options				1.8-3.0mm	1.8mm
Outer: 2.24mm Middle: 2.03mm Inner: 1.93mm	2.25-3.0mm			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
 <p>Outer row </p> <p>Middle row </p> <p>Inner row </p>	 <p>Outer row </p> <p>Middle row </p> <p>Inner row </p>

Exceptional staple line integrity across the broadest range of tissue thickness⁶



How buttress affects reload selection

Total 2-layer thickness ⁷			Reload considerations		
			Current buttress practice	2-layer thickness change with ECHELON ENDOPATH™ Staple Line Reinforcement	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