



Polyglycolic Acid



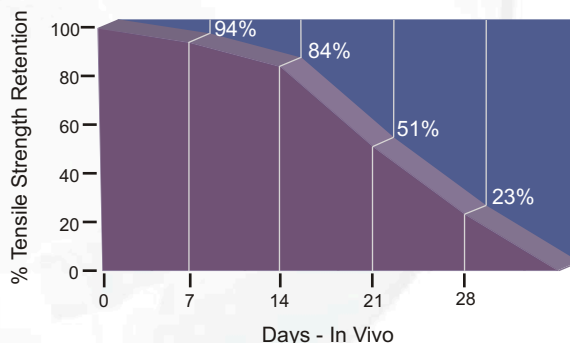
DemeTECH's PGA (Polyglycolic Acid) Sutures

DemeTECH's Polyglycolic Acid suture is a synthetic, absorbable, sterile, surgical suture composed of 100% glycolide. The chemical formula of DemeTECH's PGA is $(C_2H_2O_2)_n$. Clinical trials have shown that after two weeks, approximately 84% of DemeTECH's PGA initial strength remained. At four weeks, approximately 23% of DemeTECH's PGA linear tensile strength remained. DemeTECH's Polyglycolic Acid has been found to be nonantigenic, nonpyrogenic and elicit only mild tissue reactivity during the absorption process. DemeTECH's PGA sutures are available dyed and colorless.

Distinctive Characteristics of DemeTECH's PGA Sutures:







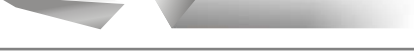



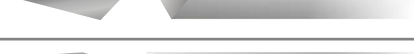







- Polyglycolic Acid, better known as PGA, is composed of polymers of glycolide acids.
- DemeTECH's PGA is coated to allow for easier passage through tissues with only minimal drag.
- After 3 weeks post operation, clinical trials showed that PGA sutures maintained 51% of their tensile strength.
- Coated PGA sutures facilitate:
 - Easy tissue passage
 - Precise knot placement
 - Smooth tie down
 - A decreased tendency to irritate the tissue
 - Greater tensile strength
 - A longer absorption period

Polyglycolic Acid Suture Strength Retained

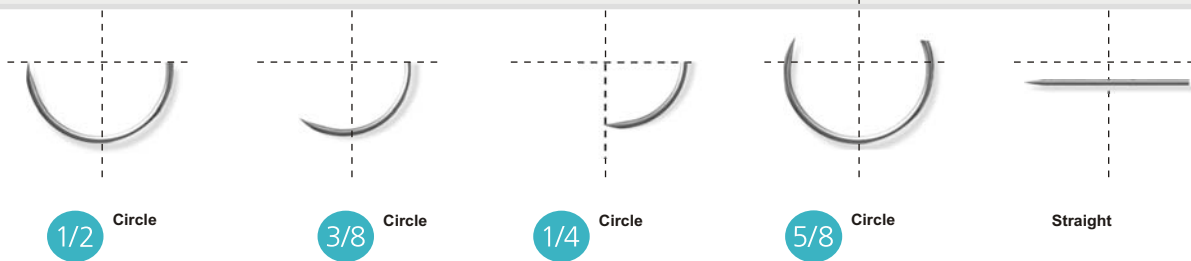


TECHNICAL SPECIFICATIONS

Needle Type

Needle Shape	Point Type	Symbol
	Round Bodied	
	Curved Cutting	
	Reverse Cutting	
	Reverse Cutting Prime	
	Taper Cutting	
	Micro-point Reverse Cutting	
	Micro-point Spatula Curved	
	CSU Spatula	
	SBR Spatula	

Needle Curvature



Suture Materials



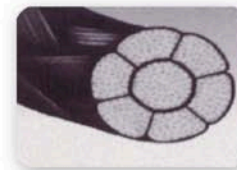
Polyglycolic Acid



Chromic Catgut



Plain catgut



Silk (Braided)



Nylon



Polypropylene



Polyester (Braided)



Stainless Steel