



DemeTECH® Sutures

Silk



DemeTECH's Silk Sutures

DemeTECH's Silk suture is a non-absorbable, sterile, surgical suture composed of an organic protein called fibroin. DemeTECH's Silk sutures are processed to remove the natural waxes and gums from its origin. As Silk is a natural fiber, it does illicit an acute inflammatory reaction, which is followed by gradual encapsulation of the suture by fibrous connective tissue (occurring usually in 14-21 days). While DemeTECH's Silk sutures are not considered absorbable sutures, progressive degradation of its fibers results in the gradual loss of tensile strength within the first year. DemeTECH's Silk sutures are indicated for use in general soft tissue approximation and/or ligation.







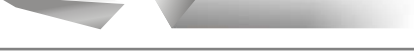



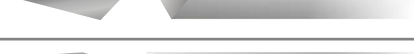







Distinctive Characteristics of DemeTECH's Silk Sutures:

- Raw silk is produced by a silkworm larva's cocoon. These natural waxes and gums are removed prior to the braiding process, allowing for a tighter, more compact braid.
- DemeTECH's Silk is dyed black for easier visibility in tissue.
- DemeTECH's Silk is non-absorbable and multifilament in nature.
- Although DemeTECH classifies its silk as a non-absorbable suture, it loses most of its tensile strength in one year, and is completely absorbed in 2 years. Thus, DemeTECH's Silk behaves like a very slow absorbing suture.
- DemeTech coats its Silk in silicon to limit absorption, increase ductility, and minimize tissue reactivity.

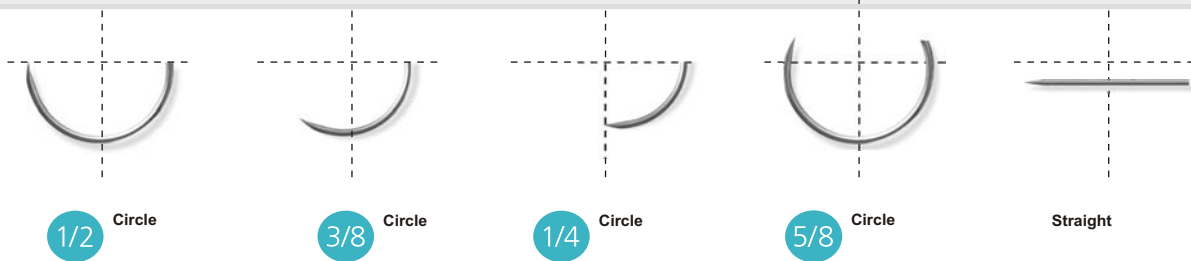
DemeTECH Silk

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



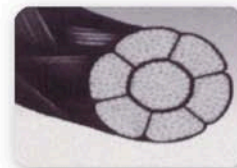
Polyglycolic Acid



Chromic Catgut



Plain catgut



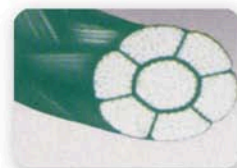
Silk (Braided)



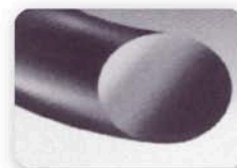
Nylon



Polypropylene



Polyester (Braided)



Stainless Steel