

DemeDIOX™

Polydioxanone Suture

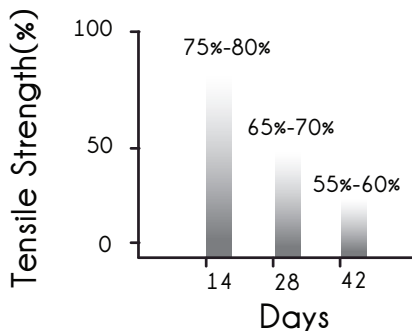
DemeTech's Polydioxanone Sutures



DemeTech's Polydioxanone suture is an absorbable, sterile, surgical suture composed of the polyester, poly (p-dioxanone). DemeTech's Polydioxanone has been found to be nonantigenic and elicits only minimal tissue reactivity during the absorption process. Clinical trials have shown that after two weeks, approximately 75-80% of DemeTech's Polydioxanone initial strength remained. At four weeks, approximately 65-70% of DemeTech's Polydioxanone initial strength remained. At six weeks, approximately 55-60% remained. Complete absorption of DemeTech's Polydioxanone is 180 to 210 days. DemeTech's Polydioxanone sutures are available violet and colorless.

Characteristics of DemeTech's Polydioxanone Sutures:

- DemeTech's Polydioxanone is ideal for internal tissues where a long lasting, absorbable suture is preferable.
- As Polydioxanone is composed of synthetic materials, it elicits less reactivity than natural absorbable sutures. However, due to its prolonged absorption period, Polydioxanone may elicit some tissue reactivity.



Tensile Strength

Monofilament



Violet

Colorless

Material

Complete
Absorption

6 Months

Absorption Profile