SuperCable™
Iso-Elastic™ Polymer Cerclage System

Superior Fatigue Strength
No Metal Particle Generation
Iso-Elastic Compression of Fragments
No Wire Sticks to Surgeon or Patient

A clinically proven4,7,9,10 polymer cable system providing superior fatigue strength and dynamic compression across healing bone fragments

Photo and radiograph courtesy of Bradford Hack, MD, West Coast Orthopedics, Arcadia, CA
SuperCable™ Iso-Elastic™ Cerclage System

This revolutionary polymer cerclage system is designed to address many of the inherent limitations of traditional metal cables and wire. Clinical problems associated with metallic cerclage include fretting, fraying and breakage.¹,²,⁵,⁶ This results in metal debris generation, increased wear in adjacent joint replacements, loss of fixation, tissue irritation, and the risk of glove tears and injury to the operating surgeon.⁸ The exceptional fatigue strength of the polymer SuperCable and the absence of sharp ends address these issues.

The system is available with trochanteric grips and cable-plates featuring locking screws with Agilock™ Technology, as well as standard compression screws.

*Cable made from UHMWPe and Nylon. US Pat. No. 6,589,246 and 7,207,090. Japan Pat. No. 4,829,236. Additional US & World patents pending.
SuperCable™ Features

- Fatigue strength superior to both wire and cables thereby reducing complications due to fretting and breakage.
- The elimination of cable-generated metal particle debris that have been shown to greatly increase wear in adjacent total joints.$^2$
- Provides long-term dynamic compressive loading across bone fragments to offer the possibility of better healing and increased construct strength.
- Cables can be easily retightened to adjust cable tension, especially when multiple cables are applied, both saving time and reducing the number of cables required, thereby reducing costs.
- No metal cable contacting metallic implants.
- No sharp cable ends to irritate patient tissue, cut surgeon’s gloves or cause “sharps injury” to surgeon and staff.$^8$

Fatigue Strength Testing:
Bottom photo shows cable after one million cycles, loaded at 445 N with direct abrasive contact on a bone plate. The cable exhibits fiber fusion but no fraying or breakage of fibers.
Citations related to SuperCable and cerclage


Catalog #

35-100-1010 SuperCable Cerclage Cable Assembly, Ti Clasp

Catalog #

SuperCable™ Iso-Elastic™ Cerclage Instruments

35-800-1000 SuperCable Cerclage Instrument Set
   (includes 1 each of the following 4 items)
35-800-2000 SuperCable Cerclage, Tensioning Instrument
35-800-3000 SuperCable Cerclage, Cable Passer, 40 mm Diameter
35-800-3100 SuperCable Cerclage, Cable Passer, 60 mm Diameter
35-800-4000 SuperCable Cerclage, Autoclave Case

See SuperCable Trochanteric Grip and Cable-Plate brochure (B00159) for additional implant and instrument items.

Simple Instrumentation:

Tensioning instrument allows for precise tightening and locking of cables as well as sequential retensioning of previously placed cables.  

Expect Innovation.

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