A clinically proven\textsuperscript{4,7,9-11} polymer cable system providing superior fatigue strength and dynamic compression across healing bone fragments.
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.\textsuperscript{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.\textsuperscript{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\textsuperscript{®} Technology, as well as standard compression screws.
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


SuperCable® Polymer Iso-Elastic™ Cerclage Cables
Polymer Iso-Elastic™ Cerclage Cable Assembly, 1.5mm (Ti Cable Lock) 35-100-1010

SuperCable® Polymer Iso-Elastic™ Cerclage Standard Instruments
SuperCable Cerclage Tensioning Instrument 35-800-2000
SuperCable Cerclage Cable Passer, 40 mm 35-800-3000
SuperCable Cerclage Cable Passer, 60 mm 35-800-3100
SuperCable Cerclage Autoclave Case 35-800-4000

SuperCable® Polymer Iso-Elastic™ Cerclage Optional Instruments
SuperCable Cerclage Tensioning Instrument, w/ ACME Thread 35-800-2020
SuperCable Cerclage Tensioning Instrument, w/ 60° Angle 35-800-7000
SuperCable Cerclage, Angled Cable Passer, 40 mm 35-800-3200
SuperCable Cerclage, Angled Cable Passer, 60 mm 35-800-3300
SuperCable Cerclage, Cable Passer, 1.5mm (Single-Use, Sterile-Packed) 35-400-1010

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.