



Orthopaedic Suture

FiberWire[®]

Confidence after closure

Arthrex[®] 

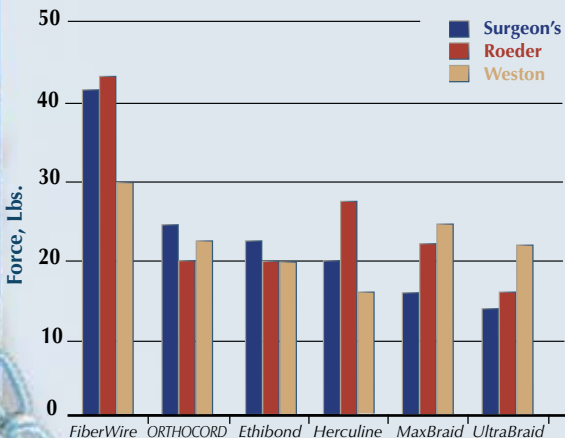
Maximum Performance

Arthrex has completed testing of all the high strength sutures available on the market and the biomechanical properties of FiberWire continues to exceed expectations.

When evaluating any of these sutures it is important to understand each of their unique properties. All of the high strength sutures are primarily comprised of ultra-high molecular weight polyethylene (UHMWPE) with exception to both FiberWire and ORTHOCORD™.

FiberWire contains a coated braided jacket and ORTHOCORD differentiates itself with a degradable component. These unique sutures were analyzed by Arthrex and independent testing facilities and it is clear why surgeons choose FiberWire for their patients.

Knot Security (at 3 mm extension)



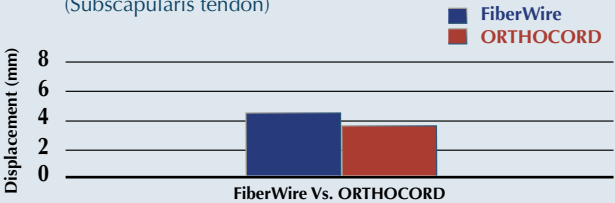
Suture Retention



Independent test data has shown that there is no significant difference in tissue displacement between #2 FiberWire and #2 ORTHOCORD in a rotator cuff model.

Displacement FiberWire Vs. ORTHOCORD

(Subscapularis tendon)



The tissue cut-through test was completed with each suture cycled under load for 70 cycles at 8 mm of extension through subscapularis tendon.

The PDS (polydioxanone) component of ORTHOCORD degrades over time, but so does its strength

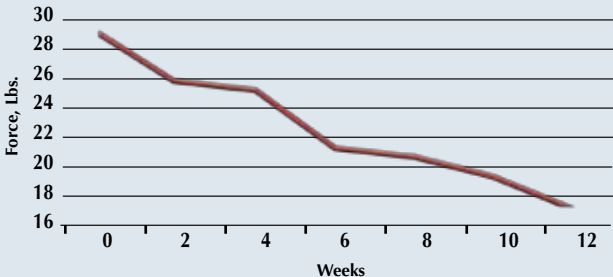
A degradation test was completed on #2 ORTHOCORD that verifies the knot strength of this suture is dramatically reduced over time:

#2 ORTHOCORD Degradation Test Results:

6 Weeks Post-op 27% reduction in knot strength

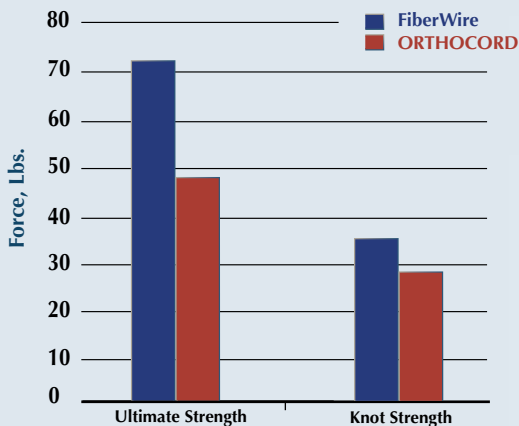
12 Weeks Post-op 41% reduction in knot strength

ORTHOCORD Knot Strength Degradation Study

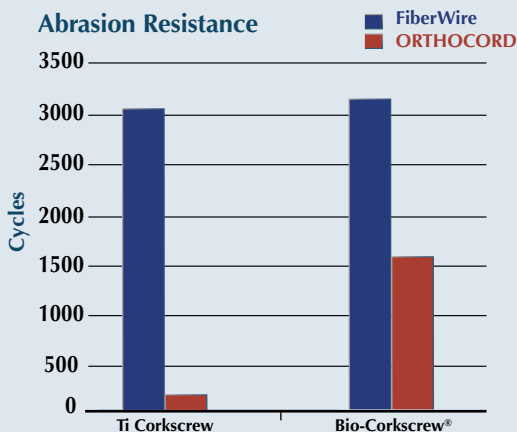


Strength and Performance you can Count on

Strength Analysis



Abrasion Resistance



**10N weight moving at a constant rate of 12.5m/min., in-line with the implant*

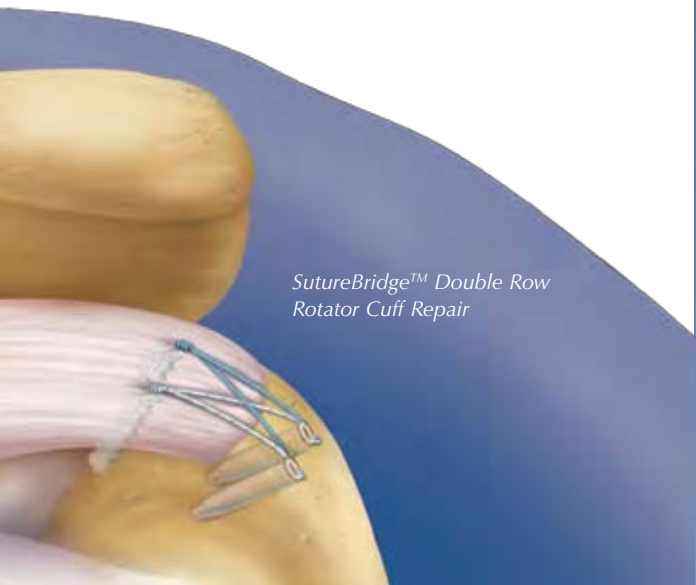


FiberWire was the first high strength suture on the market and continues to be preferred by orthopaedic surgeons around the world.



The novel structure of FiberWire offers a (UHMWPE) core that provides its superior strength and a coated braided jacket that improves its tying characteristics and protects it from abrasion.

Arthrex continues to develop new innovative products with FiberWire. FiberWire consistently provides optimal knot strength, loop security, abrasion resistance, and minimal elongation to support these new products, which improves surgical outcomes.



SutureBridge™ Double Row Rotator Cuff Repair

#2 FiberWire Ordering Information

AR-7200 #2 FiberWire, 38 inches (blue) w/Tapered Needle, 26.5 mm 1/2 circle, qty. 12

AR-7201 #2 FiberWire, 38 inches, 2 strands (1 blue, 1 TigerWire), sterile, qty. 12

AR-7202 #2 FiberWire, 38 inches (blue) w/Reverse Cutting Needle, 36.6 mm 1/2 circle, qty. 12

AR-7209 #2 FiberStick, #2 FiberWire, 50 inches (blue) one end stiffened, 12 inches, sterile, qty. 5

FiberWire is available in other sizes, configurations and is preloaded on Arthrex suture anchors.

Arthrex[®] 

www.arthrex.com

*...up-to-date technology
just a click away*



U.S. PATENT NOS. 5,964,783; 6,716,234; 7,029,490 and PATENT PENDING

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