

DONJOY®

INDESTRUCTIBLE
PROTECTION



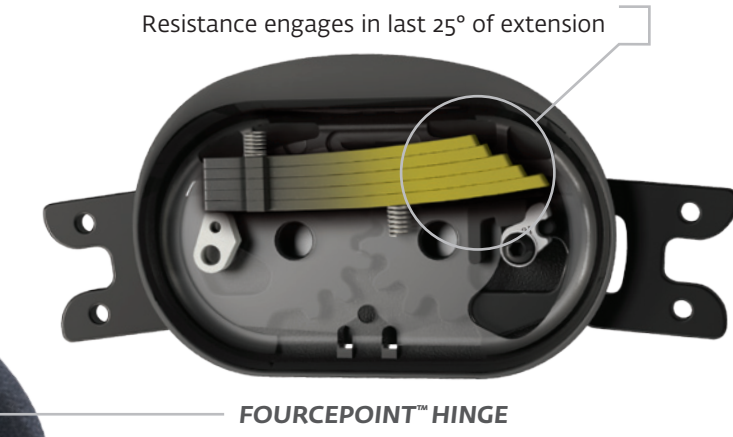
 **DJO**
GLOBAL

ARMOR FOURCEPOINT™

Indestructible Protection. Really?



FEATURING OUR LIGHTEST AND TOUGHEST HINGE



Indestructible means:
MINIMIZE RISK
FOURCEPOINT HINGE™

Knee flexion angles less than 30 degrees are considered "at risk" and contribute to ACL injuries. The FourcePoint™ hinge technology increases the knee flexion angles therefore reducing the time spent in the ACL "at risk" positions². The FourcePoint™ hinge enhances DonJoy's 4-Points-of-Leverage System™ by dampening knee extension, and reducing shear forces at the knee².

Indestructible means:
UNCOMPROMISED STRENGTH

Steel reinforced hinge plate and enhanced aluminum frame deliver a shield of proven protection.

Indestructible means:
UNIMPEDED PERFORMANCE

Our low profile hinge combined with our internally mounted straps promote bilateral use that won't impede performance.

Indestructible means:
GUARANTEED PROTECTION

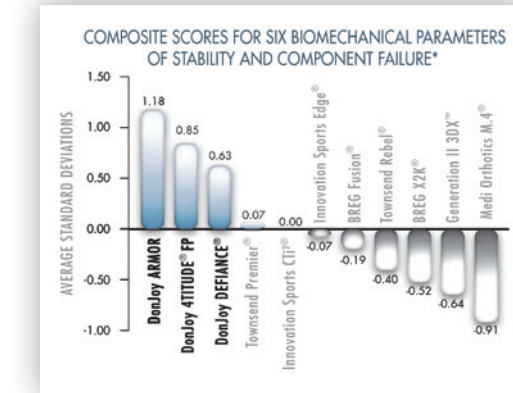
If a patient re-ruptures a reconstructed ACL while wearing a properly fitted DonJoy Defiance™, Armor FourcePoint™ or FULLFORCE™ within one year of purchase, DJO Global will pay a surgical insurance deductible. Visit donjoy.com for details and eligibility.



Indestructible means:
REDUCE ACL STRAIN BY 50%¹
4-POINTS-OF-LEVERAGE™

A unique cuff and strapping configuration that provides a posterior force to the tibia preventing anterior movement.

4-POINTS-OF-LEVERAGE™



*Independent test data from the Orthopedic Biomechanics Laboratory at Children's Hospital of San Diego.




Indestructible means:
PROVEN RESULTS

There are numerous publications to support the 4-Points-of-Leverage™, FourcePoint™ hinge, and the uncompromised strength of Armor.

DJO proudly sponsors:



DONJOY – A BRACE FOR EVERY CONDITION

	Brace Type	Activity Level		
		High	Moderate	Mild
 Defiance™ Custom	High			
 Armor FourcePoint™ Prefabricated	Moderate			
 FULLFORCE™ Prefabricated	Mild			

CLINICAL EVIDENCE

¹ STUDIES THAT SHOW THE 4-POINTS-OF-LEVERAGE™ CONFIGURATION SIGNIFICANTLY REDUCES ACL STRAIN:

- Fleming BC, Renstrom PA, Beynnon BD, Rengstrom PA, Peura GD:
 2000 *The Influence of Functional Knee Bracing on the Anterior Cruciate Ligament Strain Biomechanics in Weight Bearing and Non-Weight Bearing Knees*, The American Journal of Sports Medicine: Vol. 28 (6) : 815-824
- Beynnon BD, Fleming BC, Peura GD, Johnson RJ, Rengstrom PA, Nichols CE, Pope MH:
 1995 *The Effect of Functional Knee Bracing and Attachment Strap Tension*, 41st Annual Meeting, Orthopaedic Research Society
- Beynnon BD, Pope MH, Wertheimer CM, Johnson RJ, Fleming BC, Nichols CE, Howe JC:
 1992 *The Effect of Functional Knee Braces on Strain on the Anterior Cruciate Ligament In Vivo*, The Journal of Bone and Joint Surgery (Am.), Vol. 74-A (9) : 1298-1312

² STUDIES THAT SHOW THE EFFECTIVENESS OF THE FOURCEPOINT™ HINGE IN REDUCING KNEE SHEAR FORCES:

- Lin CF, Liu H, Garrett WE, Yu B:
 2008 *Effects of a Knee Extension Constraint Brace on Selected Lower Extremity Motion Patterns During a Stop-Jump Task*, Journal of Applied Biomechanics, Vol. 24 : 158-165
- Yu B, Herman D, Preston J, Lu W, Kirkendall DT, Garrett WE:
 2004 *Immediate Effects of a Knee Brace with a Constraint to Knee Extension on Knee Kinematics and Ground Reaction Forces in a Stop-Jump Task*, The American Journal of Sports Medicine, Vol. 32 (5) : 1136-1143

ORDERING INFORMATION:

Part Number	Description
11-1440-X	ACL, Short Calf Length, Right (15")
11-1441-X	ACL, Short Calf Length, Left (15")
11-1442-X	ACL, Standard Calf Length, Right (16")
11-1443-X	ACL, Standard Calf Length, Left (16")

Sizes Available: XS-XXXL Measurements taken 15cm above mid-patella
 x = 1 = XS = 13" - 15 1/2" (33-39 cm)
 x = 2 = S = 15 1/2" - 18 1/2" (39-47 cm)
 x = 3 = M = 18 1/2" - 21" (47-53 cm)
 x = 4 = L = 21" - 23 1/2" (53-60 cm)
 x = 5 = XL = 23 1/2" - 26 1/2" (60-67 cm)
 x = 6 = XXL = 26 1/2" - 29 1/2" (67-75 cm)
 x = 7 = XXXL = 29 1/2" - 32" (75-82.5 cm)

ACCESSORIES

Part Number	Description	Size
11-0075-X-00000	Lycra® Suspension Sleeve	S-XXL
11-0122-X	Neoprene Suspension Sleeve	XS-XXL
11-1006-X-06000	Impact Guard	S-XXL
11-1525-X	Tru-Pull® Advance Attachment	XS-XXXL
11-0398-9-00000	Full Extension Stop	Universal

DONJOY®



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Together in Motion™

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