

BROWNELL & COMPANY, INC.



2016 Catalog

Brownell and Company, Inc. Mission Statement

At Brownell our mission is to build on our long standing tradition of product excellence and innovation to provide the archery industry with the highest quality bowstring materials available. We are committed to the research and development of the latest fiber technologies for use in bowstring materials. We thrive to exceed our customer's expectations in quality, innovation, and service because we understand and appreciate that our success is achieved through their success.



Tony Ferraz
CEO

55 Years in Textile Industry
30 Years of Service



Tom Ferraz
President
18 years of Service



Cindy Stackowitz
Vice President
36 Years of Service



Rob Smith
General Sales Manager
3 Years of Service

Brownell's Family



Melissa Norton
Production Manager
29 Years of Service



Betty
Treating
Coloring
41 Years of Service



Marge
Waxing
Winding
30 Years of Service



Russ
Twisting
Waxing
3 Years of Service



Dave
Braiding
Mill Wright
1 Year of Service



Mike
Waxing
1 Year of Service



Alice
Jig Spooler
Packing
1 Year of Service

Brownell Would Like To



Jerome Bidault
*Rhino and Fury Bowstring Materials
Diamondback and 1D Servings*

Pascal Cerutti

"I have long shot Brownell. Each time I am pleased by the regularity of the Brownell Products. I started with Brownell's Diamondback and I have not changed. When I received my new bow I replaced the string with Brownell's Fury."



Allen Conner

"After fourteen years and numerous championships using Brownell materials, I never doubt the performance and reliability from Brownell!"



Danny Evans

"Whether it's competing for that next national championship or harvesting that next pope and young whitetail I have 100% confidence in Brownell products!"



Dan Jasa *"Through all my testing of string materials Fury has been the most stable and consistent material I've ever used. The small strand size has allowed me to experiment with small changes in bundle size to find the perfect finished diameter of any given cam system. Going from cooler conditions to warmer conditions Fury has never moved, even in the brutal summer heat during the ASA/field season. Bullwhip has been the toughest braided material I've used to date, and adding Liquid Lok into my serving process has made lower buss cable separation a thing of the past."*



Thank Our Pro Staff



Adam Jirovsky "I built bow strings with lots of different material for 7 years. I put them all through many stretch tests and would purposely try to destroy them. Brownell fury has held up the best and was the most and still is the most durable and consistent material that I have used. I wouldn't have another material on my bow. From 5 degrees to 110 degrees my marks never moved. I have shot other string material and Brownell Fury is by far the most stable and durable material that I have ever shot."

Steve Loveless

"Since switching to Brownell not only have my scores climbed up, but my confidence has as well. If you want the best string material, look no further I put a guarantee on it from my shop"



Lynn Morrison

"With the heat and humidity here in the South or the freezing up North it's consistent shot after shot."

Brandon Reyes

"I recommend Brownell's Fury to all my friends. Fury is the ultimate powerhouse in string material and at 30 strands there is nothing more stable on the market. I use Brownell's Fury and so should you!"



Kevin Wilkey

"Brownell Fury is the strongest, yet thinnest material out there. It allows me to build strings with the highest strand-counts ever. The result is the strongest and smoothest strings I've ever shot."

New for 2016

Dura Grip Endloop Serving Redefining Micro Diameter Serving



- * .007" Diameter.
- * Micro Braided Construction Allows For Ultimate Grip And Strength.
- * Multi-Function Serving That Works Well For End Loop And Roller Guard Servings.
- * Goes On Transparent.
- * Allows For Small Diameter Loops And Clean Loop Transitions..
- * Extremely Durable and Abrasion Resistant.



New Colors for 2016

Sage and Fluorescent Red are new colors for 2016 and our Golden Yellow has been expanded.

Now Available on Fury, Rhino, Astro Flight, XS2, Fast Flight, and B-50 Bowstring Materials and Bullwhip, 1D and Mini Serving Materials.

Fury and Rhino Now available in Tan/Brown/Black Tricolor



Increase your bows performance with Brownell materials, the world's leader in bowstring innovation.

Bowstring Material

FURY

- Smallest Diameter UHMWPE Material.
- No Creep.
- Superior Stability.
- Softest Shot.
- Great For Any Application.
- Made From 100% UHMWPE.
- *Now Available in 1/8 lb Spools.*



Bowstring Material

ASTRO FLIGHT

- Next Generation String.
- No Creep.
- Excellent Arrow Speeds.
- Very Durable.
- Soft Shot.
- 100% HMPE.



RHINO

- Unmatched Durability.
- Greater Longevity Enhanced Through Proprietary Process.
- Superior Strength.
- 100% UHMWPE.
- Less Fraying.
- Crossbow Approved.
- *Now Available in 1/8 lb Spools.*



D-75

- Great Strength.
- Excellent Durability.
- Most Popular Crossbow Material.
- 100% HMPE.

XS²

- Ultimate Bowstring Material.
- Enhanced Through Proprietary Process.
- Performs Like A Blended Material.
- No Creep.
- Incredible Speed.
- Superior Strength.
- Unmatched Stability.
- Small Diameter.
- 100% HMPE.
- *Now Available in 1/8 lb Spools.*



FAST FLIGHT PLUS

- The Original High Performance String Material.
- Minimal Creep.
- Superior Durability.
- Excellent Speed.
- Internationally Recognized.
- 100% HMPE.



Bowstring Material



B-50

- The Standard For Traditional Bows.
- Abrasion Resistant.
- Durable and Consistent.
- Extremely Smooth and Easy To Work With, Smooth As Silk.
- 100% Polyester.

XCEL

- Great Stability.
- Amazing Speed.
- No Creep.
- Blended Material.
- 1/3 Vectran 2/3 HMPE.



HUNTER-COMBOS



Our Hunter-Combos are available in Sand / Sage / Dark Brown, Tan / Brown / Black, and Ivory / Black / Hunter Green. This unique process was developed by Brownell engineers to give your finished string an attractive blend of three colors.

Serving Materials

BULLWHIP

- 100% Braided HMPE.
- Bonded to Improve Abrasion Resistance.
- Durable Won't Unravel.
- Excellent for End Serving or Small Diameter Center Serving.
- Diameter .014



Mini



- Two-Ply High Twist Construction.
- Extremely Durable.
- Small Diameter End Serving.
- Excellent for Small Cam Grooves and Roller Guard Servings.
- Great for End Loop Servings.
- 100 % HMPE.
- .015 Diameter.

#1D

- Three-Ply High Twist Construction.
- Creates a Rounder Serving to Allow Wraps to Lay Close Together.
- Long Lasting Strength and Durability.
- Recommended for End Servings.
- 100 % HMPE.
- .019 Diameter.



Fusion



- Twisted End Serving Material.
- Proprietary Coating Allows Each Wrap to "Fuse" Together.
- Bonded to Reduce Wear and Serving Separation.
- Excellent for Bottom Cam Buss Cables or Areas Prone to Separation.
- 100% HMPE.
- .015 (2 Ply) and .019 (3 Ply) Diameters Available.
- Available in Black Only*

Serving Materials

DIAMONDBACK

- Our Most Popular Center Serving Material.
- Unique Braided HMPE and Polyester Construction.
- Superior Grip to Eliminate Serving Separation.
- Excellent Durability.
- Also Works Well for Larger Diameter End Serving.
- .018, .020, .022, .026, and .030 Diameters Available.



CROWN

- Our Strongest Center Serving.
- Excellent Choice for Finger Shooters.
- Can Also Be Used For End Serving.
- Extremely Durable.
- Very Slick Finish.
- 100% HMPE.
- .018, .022, and .026 Diameters Available.



RCT

- Takes Serving Separation Out Of The Equation.
- Locks To Your String Even Under The Harshes Conditions.
- Great For Crossbows.
- Abrasion Resistant, Holds Up To Friction And Drag Created On The Flight Track Of A Crossbow.
- Made From HMPE and Polyester.
- Available in Black Only.
- Available In .022, .026, And .036 Diameters.



.026 BRAIDED FAST FLIGHT

- Original Braided Center Serving.
- Durable Blend of HMPE and Polyester.
- .026 Diameter.



Serving Materials

#4 TWISTED

- Multifilament Nylon Serving.
- Popular End Serving for Traditional Bowstrings.
- Great for Tying in Peeps and Nocking Points.
- Diameter .021.



CROSSBOW

- Resin Coated for Ultimate Durability.
- Designed for Crossbow Center Serving.
- Comes in 37 Yard Jig or 1000 ft Spool.
- 100% HMPE.
- .036 Diameter.



CABLE FIX

- Used to Serve Over Separation Areas on Buss Cables to Eliminate Further Separation.
- Eliminates Need to Re-Serve the Entire Cable.
- Also works Great for End Loop Servings.
- Can Also Be Used to Serve Cable Slide Area.
- Goes on Clear.
- 100% HMPE.



CARTEL SERVER

- Durable, Lightweight Construction.
- Consistent, Adjustable Tension.
- Easy to Change Spools (Not Included).



Accessories



BOWFISHING LINE

- 100% Braided HMPE.
 - Small Diameter.
 - High Strength and Durability.
- 200 - .036 dia. 100 / 300 / 1100 ft
 400 - .056 dia. 100 / 300 / 1100 ft
 640 - .068 dia. 1000 ft spool

STRING LOOP

- Nylon Loop Material.
- Extremely Durable Braided Construction.
- Grips Bowstring and Stays in Place.
- Burns Consistent.
- Available in 3 ft Pieces or 100 or 250 ft Spools.
- .083 Available in Black
- .066 Available in White, F. Green, F. Pink, F. Yellow, F. Orange, and F. Violet
- .078 Available in Camo, Red/White/Blue, F. Green, F. Pink, F. Yellow, F. Orange, and F. Violet



LC LOOP MATERIAL

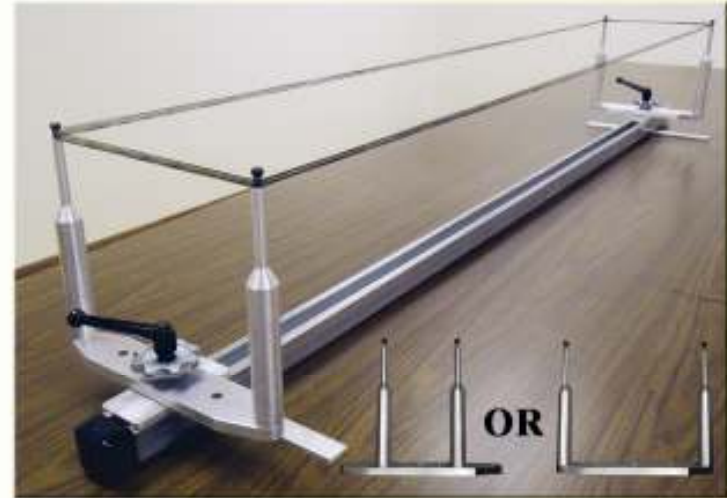


- Low Creep Loop Material.
 - 100% HMPE Braided Construction.
 - .068 Diameter.
 - Available in 3 ft Pieces or 100 or 250 foot Spools.
- Available in Black, Gray, Orange, F. Green, F. Orange, F. Pink, F. Violet, and F. Yellow

Accessories

Brownell Bowstring Jig

- Fully Adjustable To Make Strings Up To 128 Inches
- Arms Have Positive Stop at 90°. Can Be Rotated Without Unlocking The Jig Head
- Two Position Posts Allow For Making Regular Loops Or Short Yoke With No Additional Parts To Buy.
- Jig Heads Also Available Without The Rails.
- Made In USA



TPU Speed Nock System



- * Durable TPU Rubber Construction.
- * Installs Easily With Cotter Pin.
- * Increases Arrow Speed.
- * Silences String Noise And Vibration.
- * Weight Is Centralized For Performance.
- * Tightly Locks On Serving.
- * Approximately 20 Grains Each.
- * Safer Alternative To Brass Nocks.

Available in 11 bold colors:

Black White Grey Yellow
 Red Blue Purple Pink
 Brown Orange Lime Green



Available in 10 packs and Bulk Packs of 50, 100, 500, and 1000.

Accessories

LIQUID LOK

- Helps Prevent Serving Separation.
- Applied Before Serving.
- Enhances and Increases Longevity of Servings.
- Available in 2 oz Bottle or in .60 oz Kit with Cam EZ.



CAM EZ

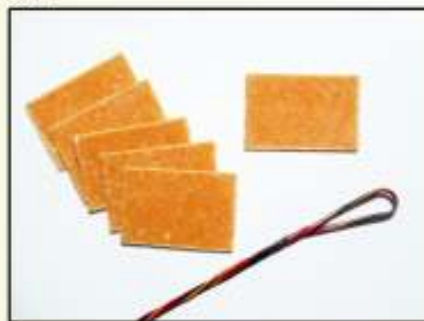
- Lubricant Designed to Help Prolong Serving Life.
- Applied Over Serving.
- Reduces Friction.
- Increases Durability.
- Available in .60 oz Kit with Liquid Lok.

Xpert WAX PADS

Wax On, Grime Off!!! Waxing your string will never be the same. Gone are the days of rubbing in wax with a leather pad. Brownell's Xpert Wax allows you to lubricate, clean, and protect your bowstring without risking damage to the fibers!

- * Lubricates And Cleans String Fibers.
- * Protects Against The Elements.
- * Specially Formulated To Penetrate Fibers.
- * Works With All Bowstring Materials.
- * Quick And Easy.
- * Wax is 100% Natural.

Available in Packs of 6



BOWSTRING WAX



- Formulated Exclusively for Compatibility with Bowstring Materials
- Increases Bowstring Life
- Available in .60 oz Stick

Tech Information

Recommended Strand Count

100% HMPE or UHMWPE Materials			
Material	Compound	Traditional	Crossbow
Fury	28 – 32	20 – 22	46
XS2	20 – 24	16	32 – 36
Fast Flight+	20 – 24	16	32 – 36
Rhino	18 – 20	12	28
Astro Flight	18 – 20	12	28
D-75	18 – 20	12	28
Blended HMPE/Vectran			
Xcel	22 – 26	18	
Polyester			
B-50		12 – 18	

Serving Selection

Dura Grip : Dura Grip is designed to be the ultimate end loop serving and roller guard serving. Not only does it look great it performs well too. Dura Grip will not separate, will hold up extremely well to abrasion and is incredibly strong for its size. Goes on transparent.

RCT : Takes center serving separation out of the question. Locks onto the string and will not budge. Smaller sizes work well for traditional or compound shooters, while the .036 works as a fantastic center serving for crossbows.

Diamondback : The most famous center serving for all applications. Good for all applications however Compounds is where it is best suited. Available in .018, .020, .022, .026 and .030

Crown : The most versatile center serving we have. Works amazing for traditional shooters because of its slick finish, but also works great on compounds and crossbows that need a smaller diameter center serving. The .018 also works good as an end serving on compounds that have a wider cam track. Available in .018, .022, and .026.

Bullwhip : A braided end serving that works great for areas that are prone to serving separation, such as the cam end of a buss cable. White bullwhip also serves on clear. Available in .014

Mini / 1D : A great twisted end serving that holds up very well on traditional bows, compounds and crossbows. Probably our two most versatile servings. Size depends on what bows are being used and the strand counts of materials. Mini .015, 1D .019

Fusion : Great for tough cam areas that have separation issues. Both the .015 and .019 work the same, the customer would choose size depending on strand count and desired finished string diameter.

#4 Nylon : Works great for tying in peep sights and making nock points for traditional bows. Also works great as an end and center serving for traditional bows with B-50 string material.

2016 Bowstring Colors

	Fury	Rhino	XS ²	Astro	Xcel	D-75	B-50	FF Plus
Black	•	•	•	•	•	•	•	•
White	•	•	•	•	•	•	•	•
Gray	•	•	•	•	•	•		•
Red	•	•	•	•	•	•	•	•
Cranberry	•	•	•					
Blue	•	•	•	•	•	•	•	•
Baby Blue	•	•	•	•				
Purple	•	•						•
Bronze	•	•	•	•	•	•	•	•
Medium Brown	•	•	•	•	•			•
Dark Brown	•	•	•	•	•	•	•	•
Cocobola	•	•	•	•	•		•	•
Natural Cedar	•	•	•	•	•		•	•
Golden Yellow	•	•	•				•	•
Bright Yellow	•	•	•	•	•	•	•	•
Hunter Green	•	•	•	•	•	•	•	•
Sage 2016	•	•	•	•			•	•
Teal	•	•					•	•
Bright Orange	•	•	•	•	•		•	•
Charcoal	•	•						•
Brown/Yellow							•	
Fluorescents								
Flo Green	•	•	•	•	•	•	•	•
Flo Orange	•	•	•	•	•	•	•	•
Flo Pink	•	•	•	•	•	•	•	•
Flo Yellow	•	•	•	•	•	•	•	•
Flo Purple	•	•	•	•		•		
Flo Red 2016	•	•	•	•			•	•
Hunter Combos								
Sand / Sage / Dark Brown	•	•	•	•	•	•	•	•
Tan / Brown / Black	•		•		•			•
Ivory / Black / Hunter Green			•					•



2016 Serving Colors

	Bull Whip	1D	Mini	Diamond Back	Crown	#4 Nylon	Crossbow
Black	•	•	•	•	•	•	•
White	•	•	•		•	•	
Gray	•	•	•		•		
Red	•	•	•	•		•	
Cranberry	•	•	•				
Blue	•	•	•	•		•	
Baby Blue	•	•	•				
Purple	•	•	•				
Bronze	•	•	•				
Medium Brown	•	•	•				
Dark Brown	•	•	•			•	
Cocobola	•	•	•				
Natural Cedar	•	•	•				
Golden Yellow	•	•	•	•		•	•
Bright Yellow	•	•	•				
Hunter Green	•	•	•	•	•		
Sage 2016	•	•	•				
Teal	•	•	•	•			
Bright Orange	•	•	•				
Fluorescents							
Flo Green	•	•	•				
Flo Orange	•	•	•				
Flo Pink	•	•	•				
Flo Yellow	•	•	•				
Flo Purple	•	•	•				
Flo Red 2016	•	•	•				
DuraGrip and Cable Fix Available in White Only .030 Diamondback Available in Black/White Only RCT Available in Black Only .026 FF Available in Black/White or Bonded Black							



Brownell Bowstring Material Color Chart 2016

					
Black	White	Charcoal	Gray	Red	Cranberry
					
Blue	Baby Blue	Bronze	Med Brown	Dark Brown	Cocobola
					
Natural Cedar	Golden Yellow	Bright Yellow	Hunter Green	Sage	Teal
					
Bright Orange	Purple	Fluorescent Orange	Fluorescent Pink	Fluorescent Yellow	Fluorescent Green
					
Fluorescent Purple	Fluorescent Red	Sand / Sage / Dark Brown	Tan / Brown / Black	Ivory / Black / Hunter Green	Brown / Yellow

Please note that due to printing limitations actual string colors will appear more vibrant than what the printed images can display



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