

BROWNELL & COMPANY, INC.



2015 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.



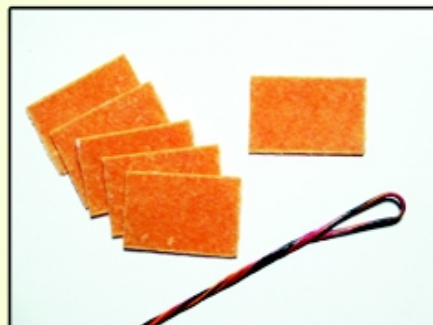
New for 2015

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



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.



Increase your bows performance with Brownell materials, the worlds 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.***



RHINO

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



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.***



Bowstring Material

ASTRO FLIGHT

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



D-75



- Great Strength.
- Excellent Durability.
- Most Popular Crossbow Material.
- New Colors Added For 2015 Including Fluorescents.
- 100% HMPE.

FAST FLIGHT PLUS

- The Original High Performance String Material.
- Minimal Creep.
- Superior Durability.
- Excellent Speed.
- International 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.

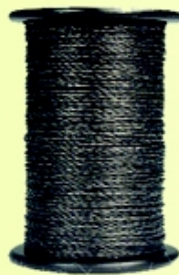


#1D, Mini, and Bullwhip Available in:

Black, White, Red, Teal, Medium Brown, Dark Brown, Orange, Blue, Hunter Green, Yellow, Bronze, Gray, Flo Yellow, Flo Green, Flo Pink, and Flo Orange

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.
- Available in Black, Gray, Hunter Green, M. Brown and White.*



RCT

- Takes Serving Separation Out Of The Equation.
- Locks To Your String Even Under The Harsh 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.
- Available in Black/White and Bonded Black*



Serving Materials

#4 TWISTED



- Multifilament Nylon Serving.
 - Popular End Serving for Traditional Bowstrings.
 - Great for Tying in Peeps and Nocking Points.
 - Diameter .021.
- Available in Black, White, Red, Green, Blue, Yellow, and Brown*

CROSSBOW

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



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

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.

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 ft Spool.
- .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

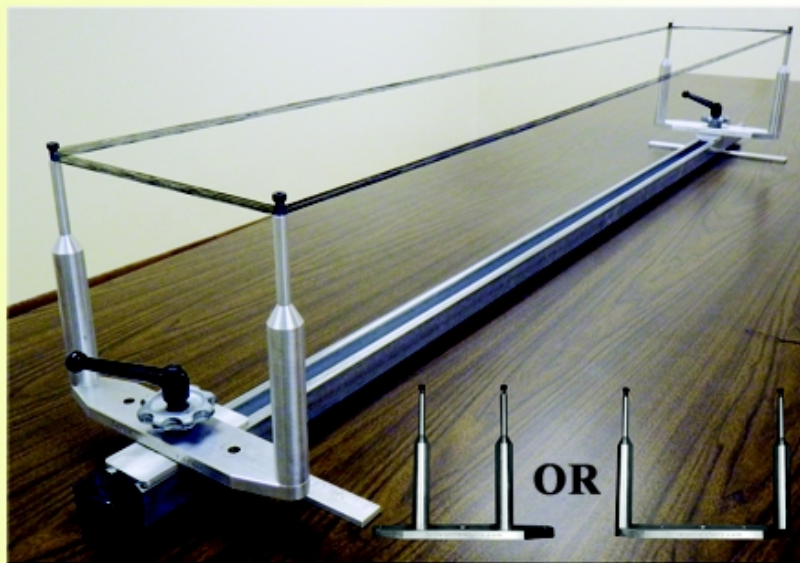
- Low Creep Loop Material.
 - 100% HMPE Braided Construction.
 - .068 Diameter.
 - Available in 3 ft Pieces or 100 ft Spool.
- Available in Black, Gray, Orange, F. Green, F. Orange, F. Pink, F. Violet, and F. Yellow*



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



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

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.

Brownell Would Like To Thank Our Pro Staff Shooters

Tim Gillingham



The Brownell .068 loop material is all I use. It is the most abrasive resistant, reliable loop material available on the market today. I dare you to try and wear one out.

All of my strings are built using the new Brownell Fury String material. This stuff is incredible! I can build strings and cables with higher strand counts for the same diameter, that create a very stable string bundle that ensure no peep rotation and strings that will not move around in temperature changes once everything is settled in. Top quality strings are an essential part of my equipment that allows me to be at the top of my game. I choose Brownell."



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."



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!"

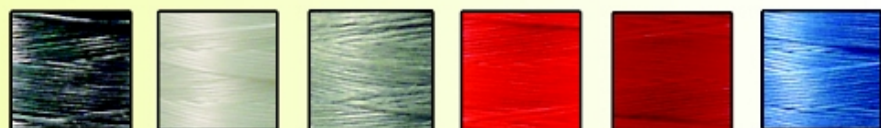
**Alan Connor, Danny Evans, Keith Trail, Jerome Bidault,
Pascal Cerutti, Adam Jirovsky, Lynn Morrison**

2015 Brownell Bowstring Color Chart

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



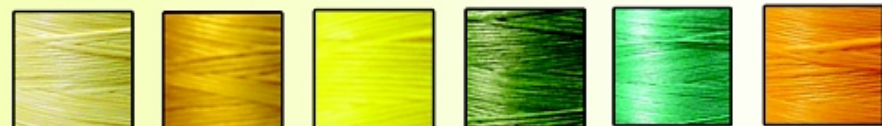
Brownell Bowstring Material Color Chart 2015



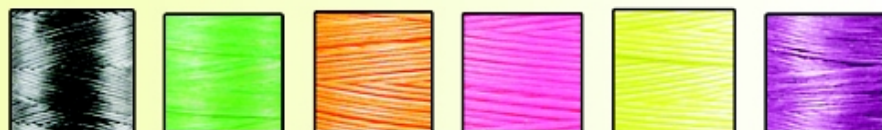
Black White Gray Red Cranberry Blue



Purple Bronze B-50 Brown Med Brown Dark Brown Cocobola



Natural Cedar Golden Yellow Bright Yellow Hunter Green Teal Bright Orange



Charcoal Fluorescent Green Fluorescent Orange Fluorescent Pink Fluorescent Yellow Fluorescent Purple



Baby Blue Sand / Sage / Dark Brown Tan / Brown / Black Ivory / Black / Hunter Green Brown / Yellow



brownell@brownellco.com

860-873-8625

Fax: 860-873-1944

www.brownellarchery.com



Brownell & Company, Inc
423 East Haddam-Moodus Rd
PO Box 362
Moodus, CT 06469