

# ARCHERY BOWSTRING MATERIAL



## 452X Bowstring

67% SK75 Dyneema, 33% Vectran. Half the strand size of 450 Plus. Slightly higher arrow speed. More strand count flexibility and improved looking 2 color strings. No creep; completely stable.

Recommended strands: 22-24  
Approx ft/lb waxed: 8800  
Spool sizes: 1 lb, 1/4 lb, 1/8 lb.



## 450 PLUS Bowstring

A totally stable blend of SK75 Dyneema (70%) and Vectran (30%) with no creep. Expect consistency and no peep rotation.

Recommended strands: 12  
Approx ft/lb waxed: 4500  
Spool sizes: 1 lb, 1/4 lb



## 8125 Bowstring

92% SK75 Dyneema, 8% SK 65. Highest speed. Strong and durable with very low creep

Recommended strands: 18  
Approx ft/lb waxed: 8200  
Spool sizes: 1 lb, 1/4 lb, 1/8 lb



## DynaFLIGHT 97 Bowstring

The original high strength Dyneema (100% SK75); very durable, very low creep. Good for compounds, new recurves and crossbows

Recommended strands: 16 (more on crossbows)  
Approx ft/lb waxed: 6700  
Spool sizes: 1 lb, 1/4 lb, 1/8 lb



## B500 Polyester Bowstring

Made from the original polyester material; the ideal product for traditional archers. Also used on older crossbows.

Recommended strands: 16 (more on crossbows)  
Approx ft/lb waxed: 4300  
Spool sizes: 1 lb, 1/4 lb



## 652 Spectra Bowstring

For archers who remember and still want the original Spectra bowstring. Some colors available.

Recommended strands: 18 or 20  
Approx ft/lb waxed: 8174  
Spool Sizes: 1 lb, 1/4 lb

**Colors available (for all materials):** Standard bowstring colors are brown, yellow, orange, red, white, mountain berry, purple, royal blue, OD green, tan, green, metallic bronze, fluorescent green, fluorescent orange, fluorescent purple, sunset orange, pink, teal, silver and black. 2 color string material available in 452X and 8125.

**Bowstring Specifications:** We show the approximate ft/lb. so stringmakers can get an idea of how many finished strings can be built from a spool. Due to variables in the manufacturing process, we cannot guarantee exact specifications.

**Breaking Strengths:** We no longer publish breaking strengths because discrepancies occur, due to different test methods. We will provide minimum breaking strength information upon request. It should be noted that all modern materials far exceed the strength required to perform satisfactorily as a bowstring material.

**Bowstring Diameter/Recommended number of strands:** All bowstring material is relatively flat in a single strand, so it is not appropriate to publish a diameter of the individual strand. The important issue is how many strands are required to give a satisfactory nock fit, which is what the above recommendations show. These numbers can vary according to nock type/size and personal preference. Recommended strands are for typical modern compound bows. Plus or minus two strands is normal.

BCY manufactures and supplies products in accordance with these specifications. If used correctly, the material will serve the purpose for which it was intended- a bowstring or as a serving material. All products we manufacture are extensively tested. We offer a full range of material for the archery market. There are many variables which can significantly effect performance of the bowstring material. Some examples include: Number of strands and/or of twists, type of serving material, tightness of serving material, width of cam grooves on bow, amount of lubrication, type of release, condition of cam wheel, yoke system on cables, degree of string maintenance. As BCY cannot control these variables, BCY cannot accept responsibility for problems arising from strings, cables or servings.

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