

PVC BOW & ARROWS



Supplies

- (1) ½" dia. PVC conduit - 48" long
- (1) 5/8" dia. pipe insulation tube - 5" long
- (1) 5/64" dia. dacron cord - 5' long
- (3) 5/16" dia. wood dowels - 36" long
- (6) 5/16" dia. rubber vacuum caps
- (1) 1-1/4" dia. foam backer rod - 12" long
- E6000® clear adhesive
- Gorilla® tape
- Safety Glasses
- Hacksaw
- Scissors
- Knife

Directions

Bow:

1. Measure and cut (1) 48" length of ½" diameter PVC conduit using a hacksaw.
2. Drill (1) 1/8" diameter hole through the conduit approximately ¾" from each end.
3. Cut (1) 5" length of 5/8" diameter pipe insulation and slide onto the conduit. Apply a small amount of adhesive and position at the center of the conduit to form the bow grip.
4. Tie a knot at one end of the 5' dacron cord and run it through the drilled hole at one end of the conduit. Wearing safety glasses, string the cord back through the hole at the opposite end of the conduit. Apply pressure to the conduit in order to flex the bow 3-4" (assistance may be required), pull the cord tight and tie a knot. Trim any excess cord and use a lighter to melt and seal the ends from fraying.

Arrows

1. Measure and cut each of the (3) 5/16" x 36" wood dowels in half using a hacksaw, to create (6) 18" lengths.
2. Apply a small amount of adhesive to one end of each dowel and insert into the (6) 5/16" diameter rubber vacuum caps. (Allow to dry at least 2 hours before use.)
3. Cut (1) 1' x 1-1/4" foam backer rod into (6) 2" lengths. Use a knife or sharp object to bore a 5/16" diameter hole approximately 1" deep into one end of each 2" length. Insert the vacuum capped end of each dowel into the bored hole.
4. Saw a shallow groove into the uncapped end of each dowel to fit the bowstring.



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