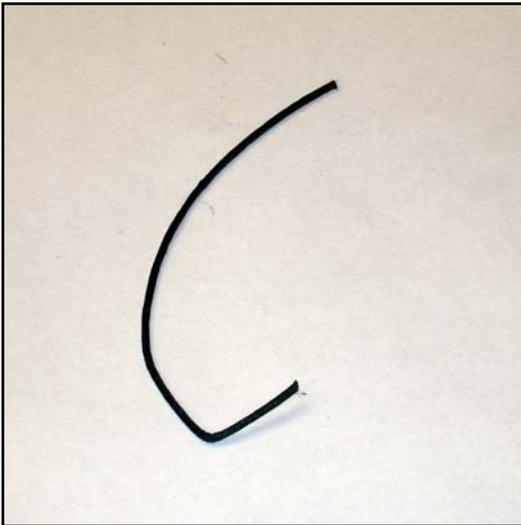


## How to Fuse Core Burning Rockets

### CAUTION!!

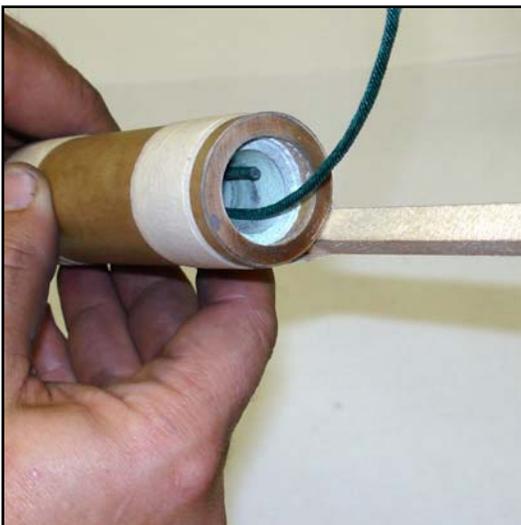
Working with pyrotechnic devices is a very rewarding endeavor that can become a lifetime passion. To ensure continued enjoyment of this hobby, please follow appropriate safety guidelines. Work in an open area outdoors, keep all pyrotechnic mixtures in closed containers, limit any compositions to only the amount needed for a particular item, store finished items in an appropriate day box or magazine, be sure to wear appropriate non-synthetic clothing, wear eye protection and keep a source of water nearby. FireSmith cannot be held responsible for any accidents or incidents resulting from the construction and use of any pyrotechnic devices. It is highly recommended to check and adhere to all local, state and federal regulations. Please consider joining the PGI and any pyro clubs in your area so that you may construct pyrotechnic items in a safe and legal environment. Additional information can be found at [www.pgi.org](http://www.pgi.org).



Fusing rocket motors seems to be an area of great difference among the pyro community. There are nearly as many fusing techniques as there are rocketeers. I have had very good luck fusing my core burning motors in the following manner.

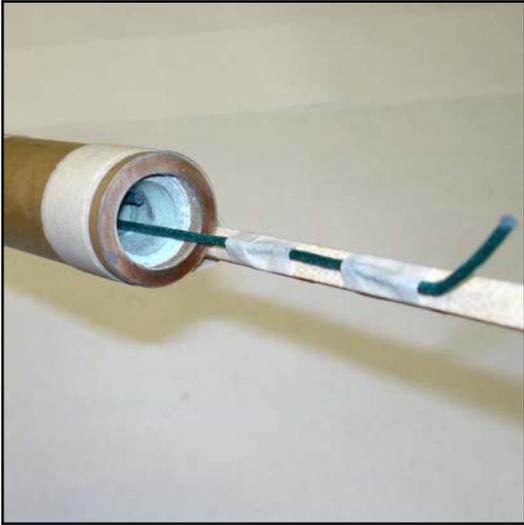
#### Step 1

Cut a 4-5" length of quality Visco fuse and fold over the last inch.



#### Step 2

Insert this folded-over section of fuse about 1" into the nozzle of the motor. The fit should be snug enough that the fuse won't fall out. However, not too tight that a great deal of force is required to remove it.



**Step 3**

**Secure the fuse to the rocket stick with a couple short pieces of masking tape. Fold the end of the fuse away from the stick (This makes it much easier to ignite the fuse when the rocket is loaded into a tube).**