

Making a Protective Foam Insert For Your Gun

(Or for any delicate instruments.)

1) Lay the case face down on the Armor Foam and draw its outline. A metallic silver Sharpie shows up well on the foam. Always do your cutting in a well ventilated area.



2) Use the Scroll or 3D Table to cut the outline that you traced onto the foam. It is easier to make a clean and even cut with a table cutter than with the Hot Knife tool.



3) Now cut out the Armor Foam for the top of the case. In this case, it will be identical to the bottom insert



4) Use the Hot Knife to make a hole through the foam to receive the cutting wire on the Scroll or 3D Table.



5) Weave the cutting wire through the hole and cut out the insert for the gun, or other instrument.



6) Use the Freehand Router to trim the edge of the foam so it won't interfere with the bevelled and rounded inside corners of the case.



7) Here is a close-up picture that shows how the Freehand Router wire is shaped to match the case's bevel.



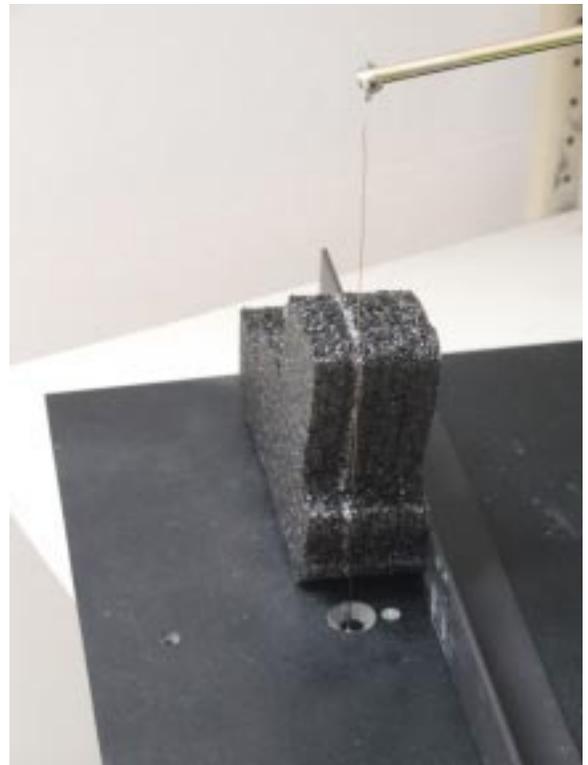
8) Place the gun in the case to make sure that it fits snugly, but not too tight.



9) With the gun still in its slot, resting on the bottom of the case, place the foam that was cutout for the gun and push it down into the cavity until it bottoms out on the gun. Make a line around the foam cutout.



10) Place the fence guide so the line you made on the foam lines up with the cutting wire on the table cutter. It is best to make the cutout a little on the big side as you can always trim some off later if it is too difficult to close the case. Slide the foam through the cutting wire.



11) Place the top of the foam cutout into the gun cavity. Place the gun in the cavity and close the cover. The cover foam should gently press against the gun, but it should still close and latch.



12) Repeat steps 4-9 for both of the magazines or any other accessories that will be kept in your case.



13) Here is a picture of making the mark for cutting out the foam inserts, just like step 9.



14) Put the inserts for the accessories in their slots and test for a snug fit.



15) Put your equipment into the case and you are ready to roll without worrying about damage in transit. Or, if you are putting it in storage, you don't have to worry about the foam off-gassing or breaking down and sticking to your gun.



Armorfoam is a tough, flexible thermoplastic resin which, being inert and chemically stable, meets all preservation standards. Easy to handle, cut, shape and form, these products are widely used in protective packing of fine art, artifacts and sensitive instruments, for both transportation and storage.