

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 Hot Knife to cut out the foam insert. When cutting a long straight run tilt the handle down a bit. This will allow you to cut faster, as more of the blade is in contact with the foam, and will also help you get a straight cut. Don't force the cut, let the heat do the work.



3) When melted foam builds up on the Hot Knife blade it can be cleaned by gently wiping it while it is switched on and fully heated against a paper or cloth towel. Never pinch and tug at the blade as this could pull it from its mount.



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.

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



5) Lay the gun or other instruments and accessories where you would like them to be in the case. Mark around them with your metallic silver Sharpie.



6) Remove the gun or other instruments and make sure that your marks are easy to see.



7) Shape the blade of the Freehand Router to fit between the lines traced onto the foam. Carefully carve the foam to the desired depth. Cut just deep enough of a cavity for the equipment to snug firmly against the top foam piece when the case is closed.



8) All that were needed to hold the two magazines in place were slits. Double check to make sure that your gun or other instruments and accessories fit snugly in the cutout. You want as tight a fit as you can get without it being too difficult to close the case.



9) 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.

