

Dacron Hinges Instructions

I nearly always use nitrate dope up to and including filler coats. But, I have used butyrate once. It worked about as well as the nitrate. Brush on three coats on the entire airplane including the control surfaces (flaps and elevators) sanding lightly between coats.

Attach the dacron hinges to the control surfaces with more dope, one hinge on the top, next hinge on the bottom, shoulder to shoulder, all the way from one end of the control surface to the other. I use 1" X 2" on the flaps and 1" X 1" on the elevators. If you have three good coats on the control surfaces the dacron hinges should readily adhere to the surface. Let dry.

Slide the control surfaces onto the horns and pin in place at the tips and, if necessary to straighten, in the middle between two hinges. Dope down the hinges to the trailing edge of the wing and stab. View from the rear to ensure surfaces are centered. Again, if you have three good coats on the wing and stab, the hinges should just suck right down. Let dry.

Take out any wrinkles in the hinges with a heat gun.

Recoat the hinge area with a couple of talcum powder or mico balloons and dope filler coats. Sand in between coats with a sanding block and 400 grit paper and the hinges will disappear.