

ASW20 sealing tapes
Information supplied by:
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Aileron TOP

22mm Mylar (2.75 Meters)
12mm Transfer Tape (Double Stick TESA)
12mm PVC Anti-Peel safety tape



Aileron BOTTOM

25mm Teflon/Fabric adhesive tape (Glass Cloth)

30mm Mylar (2.75 Meters)

12mm Transfer Tape (Double Stick TESA)

19mm PVC Anti-Peel safety tape



Note: attach Teflon /Fabric (Glass Cloth) adhesive tape to trailing edge of wing at edge, flex aileron to the fullest extent and then attach the balance of the Teflon /Fabric (Glass Cloth) adhesive tape to the aileron.

Next: Place the transfer tape (double stick adhesive tape) just ahead of the Teflon /Fabric (Glass Cloth) adhesive tape.

Now place the mylar onto the adhesive (Double stick) tape, you've created a POSITIVE air seal and with the mylar a smooth flow surface as well, the Teflon /Fabric (Glass Cloth) adhesive tape also creates an anti-friction sliding surface for the mylar.

Simple, easy, quick and effective!

Finally, add the PVC tape over the leading edge of the mylar (half on the mylar and half on the wing surface) to finish smoothing the tapes and provide a better attachment for the tapes.

use this same technique wherever you use the Teflon /Fabric (Glass Cloth) adhesive tapes...The Teflon /Fabric (Glass Cloth) adhesive tape will stick to the ailerons a bit with normal movement but eventually the adhesive gets dirty and loses some stick, it will not stop the controls from moving and in flight you will not hear this or feel it.

Flaps
BOTTOM ONLY
30mm TESA Tissue tape



Don't worry about the flaps tops, with TISSU tapes you have made a positive air seal and because the flaps travel so far, in normal use the tops would not be served by additional seals on the top. we are simply trying to re-direct airflow and keep it in the good places and out of the bad places..... this will do the job here just fine.

Elevator TOP

30mm Mylar (2.25 Meters)
19mm PVC Anti-Peel safety tape
12mm Transfer Tape (Double Stick TESA)



Elevator BOTTOM

25mm Teflon/Fabric adhesive tape (Glass Cloth)

12mm Transfer Tape (Double Stick TESA)

22mm Mylar (2.550 Meters)

12mm PVC Anti-Peel safety tape



Same technique as ailerons

Rudder (BOTH SIDES)

30mm Mylar (1.25M eters each side)
12mm Transfer Tape (Double Stick TESA)
19mm PVC Anti-Peel safety tape



Teflon /Fabric (Glass Cloth) adhesive tape was not used here, probably of little benefit and because rudder travel is large, only internal "S" seal would work in this location.

