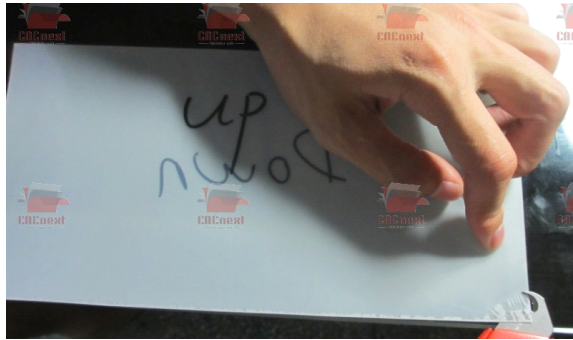


HOWTO INSTALL BUSBAR OF SMART GLASS PRIVACY FILM

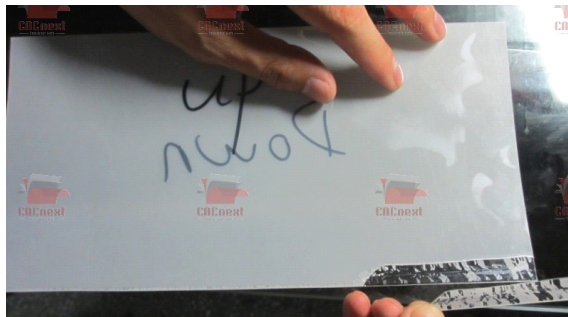
WWW.CNCNEXT.COM WWW.HELLOGLASS.COM Peter Shin



You can DIY the busbar by yourself, following is instruction. If you have doubts, please feel free to contact us. cnc@cncnext.com



Cut a piece out of one angle of **UP** side of smart film. (The length of the cut is about 30% of the smart glass film)



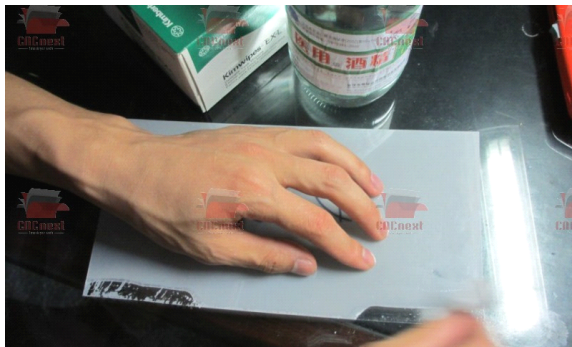
Cut a piece out of one angle of **UP** side of smart glass film



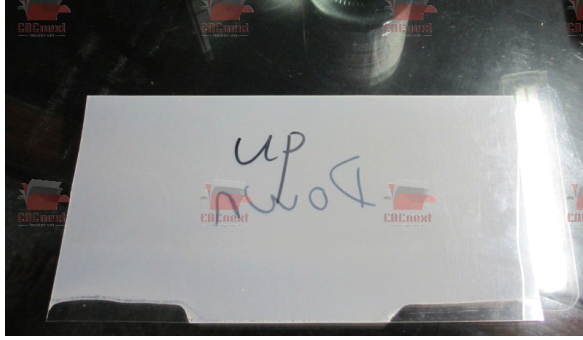
Cut PET out of one angle of **DOWN** side of smart glass film



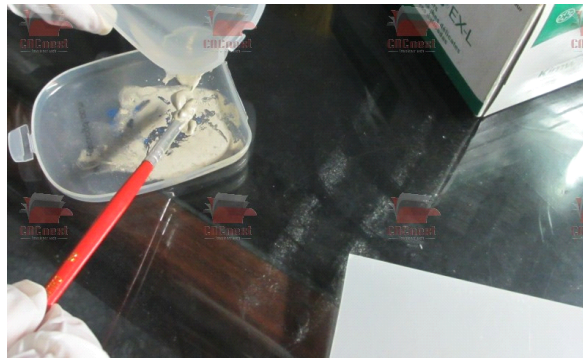
Use the ethanol to wash the cuts in both size



Use the ethanol to wash the cuts in both size



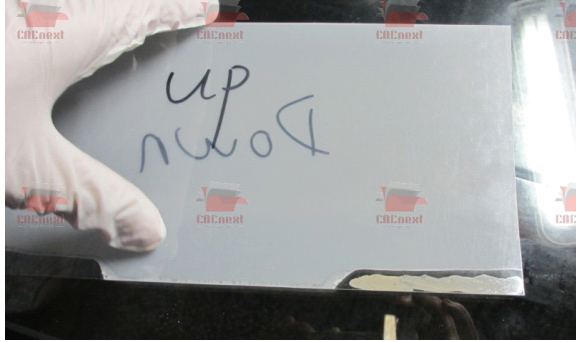
Use ethanol to wash the cuts in both side of smart glass film until it is clean



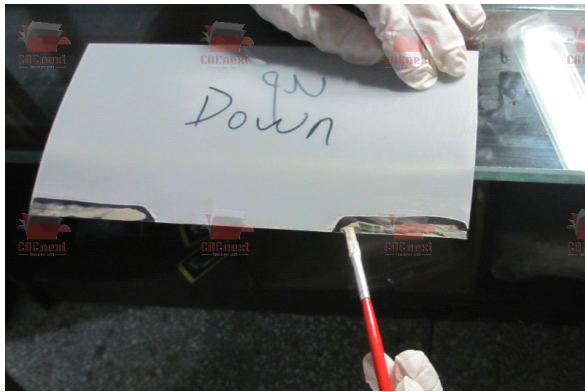
Peppare the conductive glue (if it's too dense, you can use 99% ethanol to dilute conductive glue)



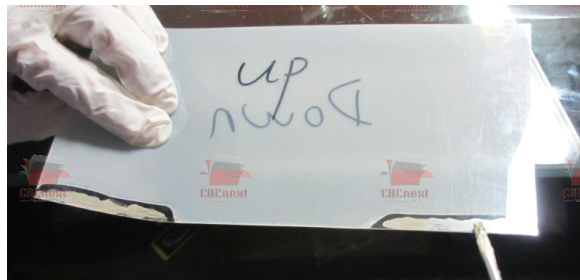
Draw conductive glue onto the cut on both sides of smart glass film. **Make sure the conductive glue not touch the un-cut smart film edges**



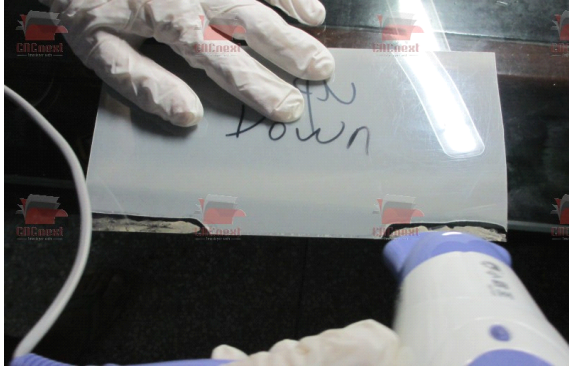
Draw conductive glue onto the cut



Draw conductive glue onto the cut



Draw conductive glue onto the cut. Make sure the conductive glue not touch the UN-CUT smart glass film edges



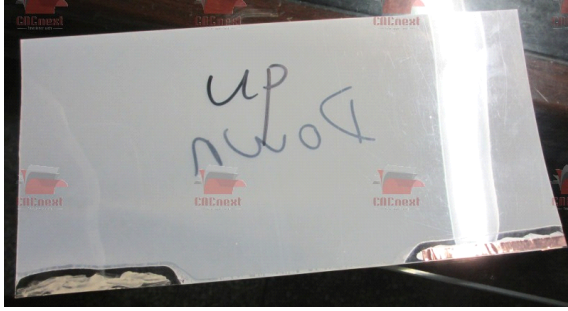
Use dryer to dry the conductive glue



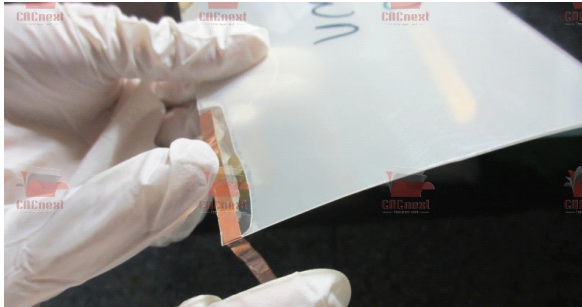
Put the copper tape onto the conductive glue



Put the copper tape onto the conductive glue



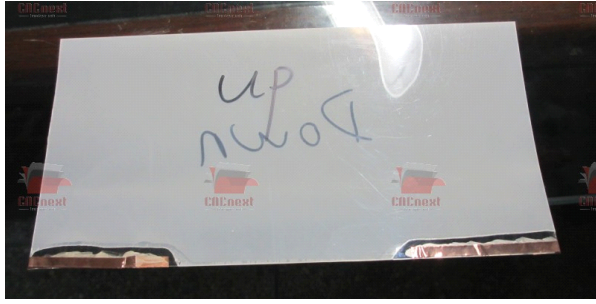
Put the copper tape onto the conductive glue



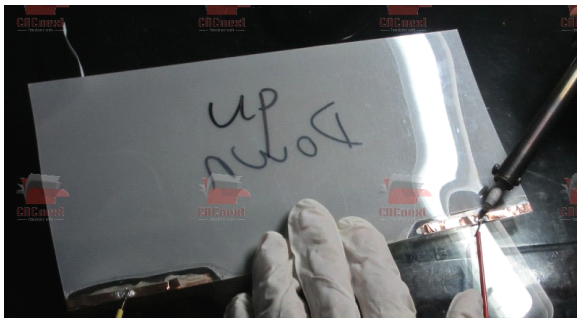
Put the copper tape onto the conductive glue, **make sure the copper of one side is longer to be bent on to the other side, so we can soldering both electrodes on same side**



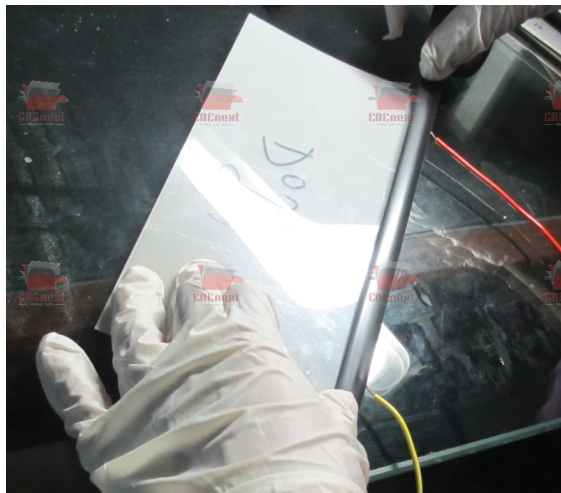
Put the copper tape onto the conductive glue, **make sure the copper of one side is longer to be bent on to the other side, so we can soldering both electrodes on same side**



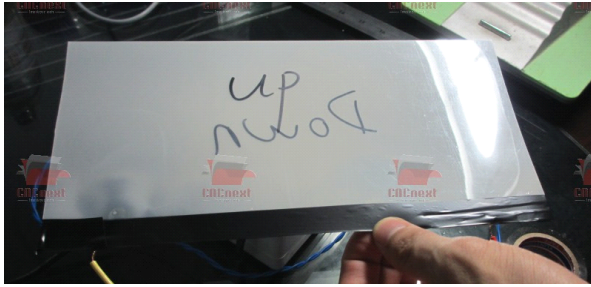
Put the copper tape onto the conductive glue, make sure one copper of one side is longer to be bent on to the other side, so we can soldering both electrodes on same side



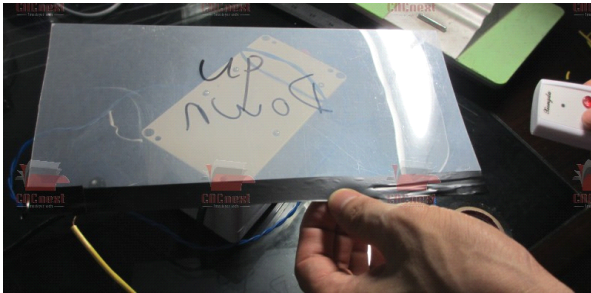
Soldering both electrodes on same side



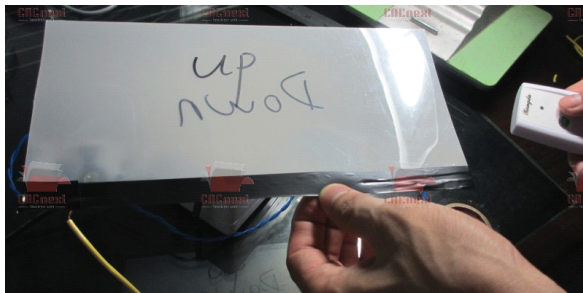
Use insulating tape to seal the busbar



Use insulating tape to seal the busbar



Connecting with power device and turn on the switch, you will see the smart film is transparent



Turn off the switch, you will see the smart film is frosted. Now you have finished installing the busbar of smart glass film. Congratulations!

If you have doubts, please feel free to contact Peter at this Email address: cnc@cncnext.com



SMART GLASS FILM is composed by two transparent conductive film laminating with a polymer liquid core. And the polymer liquid core composes crystal ball and polymer. When the light pass through the SMART GLASS FILM and reach the liquid crystal ball and polymer, the light is scattering. And the SMART GLASS FILM appears translucent.

When electricity power is connected, the polymer-liquid crystal core is allowing light pass through, the SMART GLASS FILM appears transparent.



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【1】 CNC-Smart® SMART FILM FOR PRIVACY SWITCHABLE GLASS

【2】 CNC-Force® EVA INERLAYER FOR ARCHITECTURAL LAMINATED GLASS

【3】 CNC-Shield® PVB INTERLAYER FOR AUTOMOTIVE WINDSHIELD GLASS

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