

Installing Graphics on Trucks / Trailers

In this installation guide we have considered two different cases:

- 1- Non-moving trucks & trailers
- 2- Moving trucks & trailers

The first ones, as far the frame and graphic installation is concerned, will be considered the same way as interior or exterior stretched banners installed on a wall.

For the second case we will take in consideration that these trucks and trailers are going on roads and highways and need to be installed slightly differently.

To help you differentiate the two cases the first column will be “Green” when referring to Non-Moving vehicles and “Orange” when referring to Moving vehicles.

On both cases, the printed graphic will solidly be fixed on the four sides of the frame.

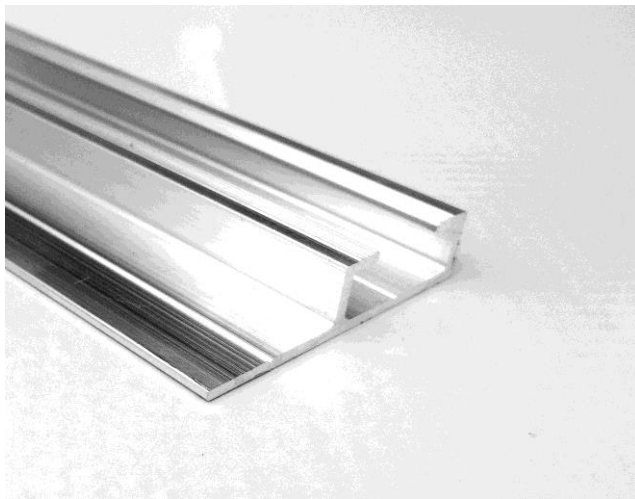
Non-Moving Trucks & Trailers



These box trucks and trailers are mainly used to display advertising and mainly in parking.

So, we treat them as standard stretching frames installed on interior or exterior walls.

Installing the frame (Non-moving trucks & trailers)

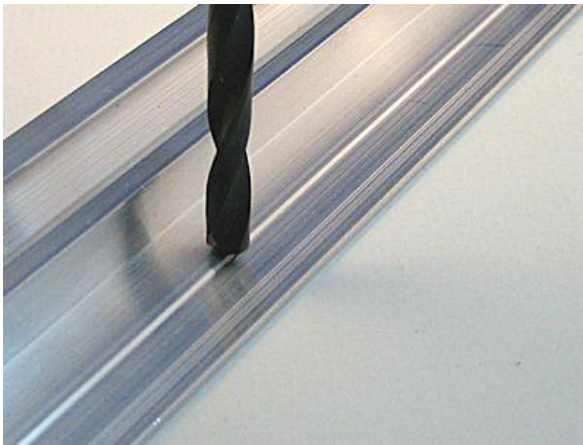


After having measured, miter the corners, and cut the TS23 extrusions to the desired length, to fabricate the frame, screw the extrusions to the trucks, or trailers sides (with one metal screw every 20") at the place indicated by the arrow on the photo. Then start positioning, fixing and installing the printed graphic material (See how hereafter)

Moving Trucks & Trailers

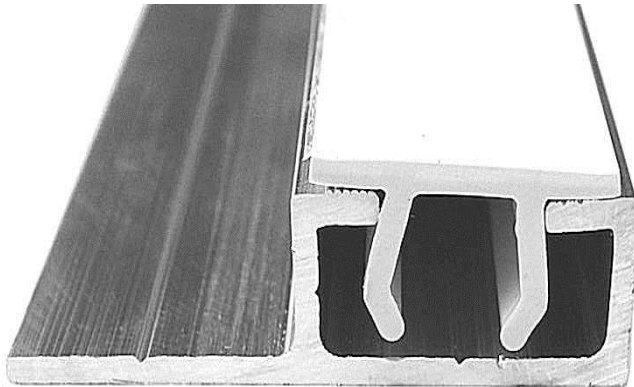


Installing the frame (Moving trucks & trailers)



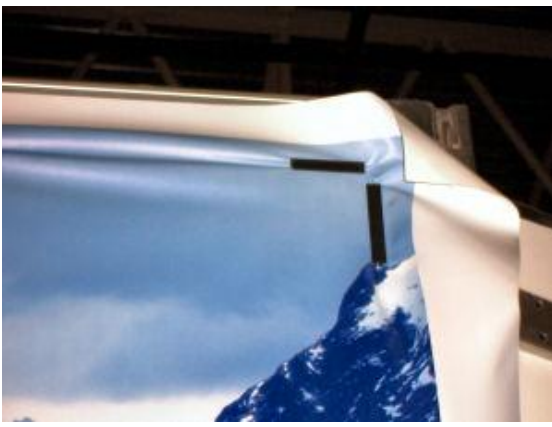
Same process as non-moving vehicles. After having measured, miter the corners, cut the TS23 extrusions to the desired length, you are ready to fix the frame. Start screwing the extrusions to the truck, or trailer sides (one metal screw every 12") You will get a solid frame to install your graphic. On top of this we will add screws through the PVC extrusions (See installing graphics)

Installing Printed Graphics on Trucks & Trailers



Type of graphic materials that can be used:

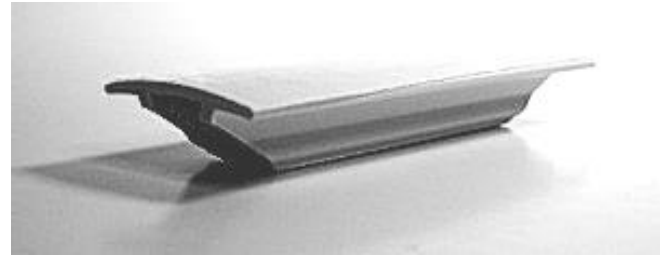
1. Vinyl (7 Oz. to 13 Oz.)
2. Polyester
3. Poplin
4. Fabric
5. Tyvek©



NOTE: Just be sure that the graphic on the top is wrinkle free when inserting the PVC segments and when replacing them by longer inserts.

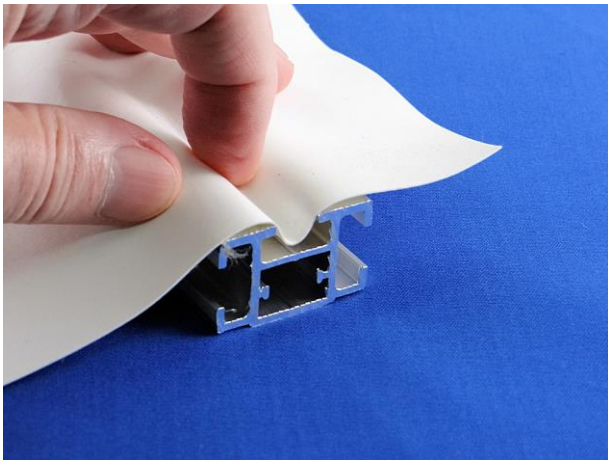
Start positioning and putting in place, starting from the top, the graphic using 4"-5" long TS79x segments.

Important: Only use a hard nylon hammer to do it.

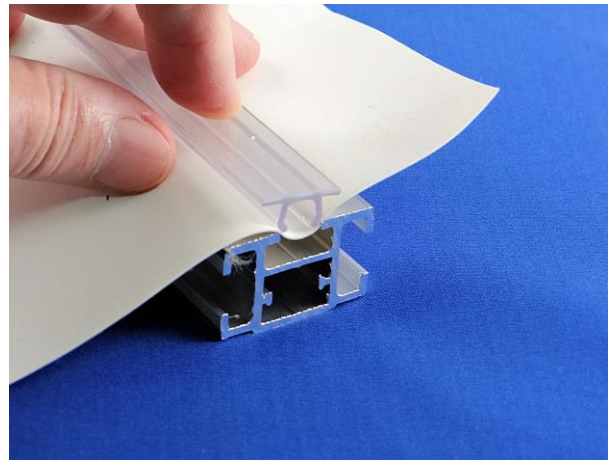


Example of PVC segment. Before starting positioning the graphic, prepare one or two dozens of them.

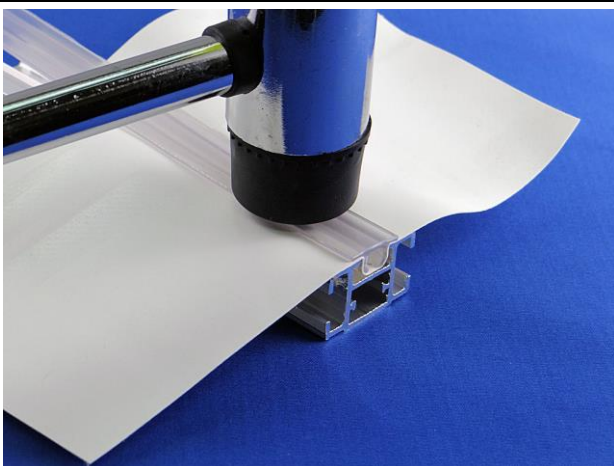
TIP: Safely inserting and removing the PVC extrusions



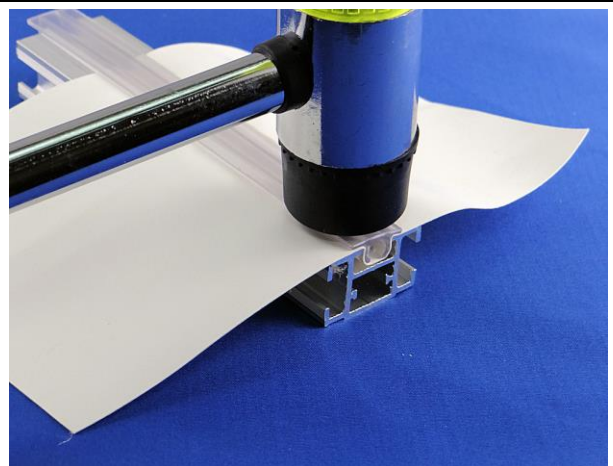
Tucking the banner with fingertips in the aluminum channel



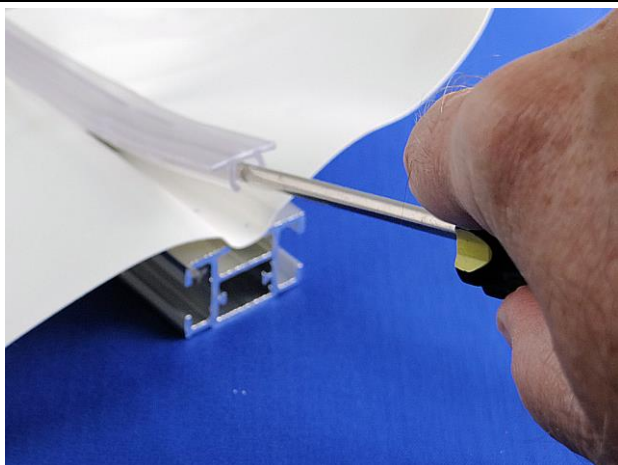
Positioning the insert in the dip



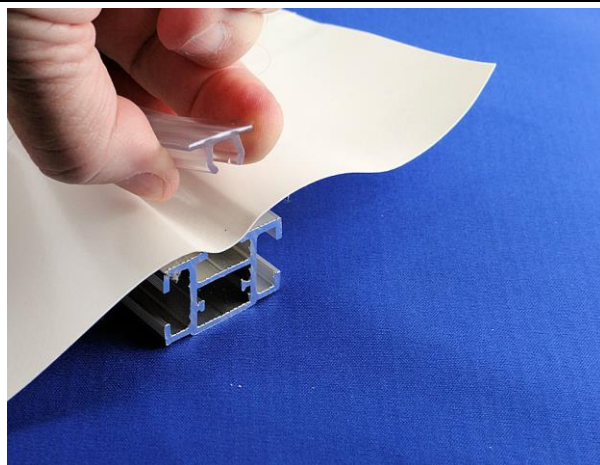
Hammering ONE INCH from the end of the PVC insert



WRONG WAY to hammering insert-The tip of the insert could break



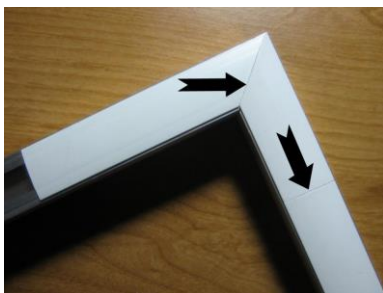
Pulling the insert using a flat screwdriver



Removing the insert by gently pulling it, and without bending it excessively.



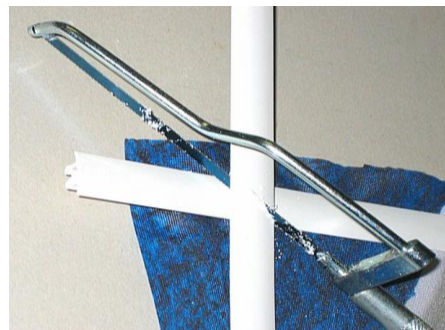
NB: You can realize seamless junctions using our CBC100 cutter with changeable razor blades.

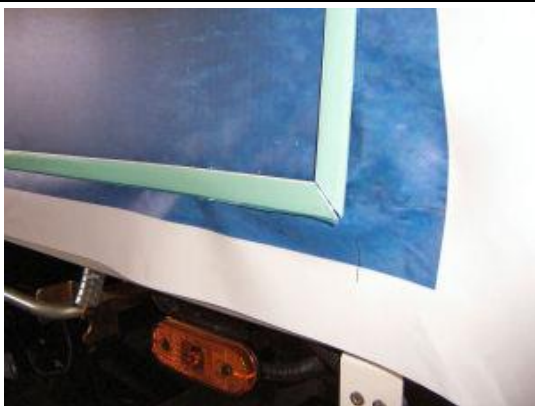


- 1- Position your printed graphic starting on the top. You can start from the top left or top right side. If the graphic is longer than 20' you can consider starting from the middle of the top. **At the top do not let any wrinkles visible.**
- 2- Start inserting your PVC segments to the top, then the sides and finally the bottom. **Be sure the PVC inserts are well above the aluminum channel to avoid breaking them when hammering.** **Do not try to stretch the graphic by pulling manually. You do not need to.**
- 3- Then substitute the 4"-5" TS79W segments by longer inserts (11' 5" bar)

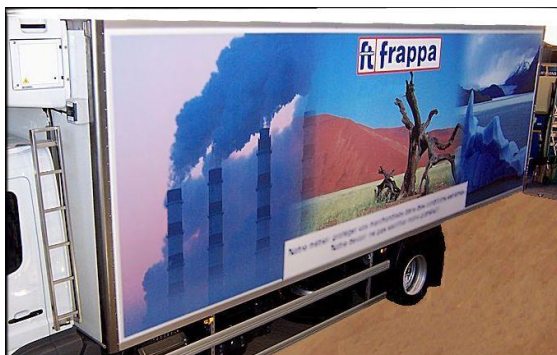


At the corners of the frame let the TS79W overlap and using a mini-hacksaw... cut both TS79 PVC extrusions.





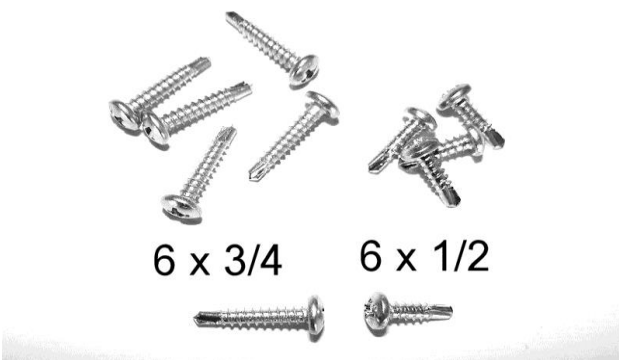
Firstly, cut the one on the top, and make a mark on the one under.
Secondly, gently put the one that was under and put it on the top.
Use the mark done on the PVC to cut it.
Then use your hard nylon hammer to push the PVC ends to join them.
When done, it is time to cut the extra graphic with a cutter.



Now you are done with a drum-like tension graphic solidly installed!

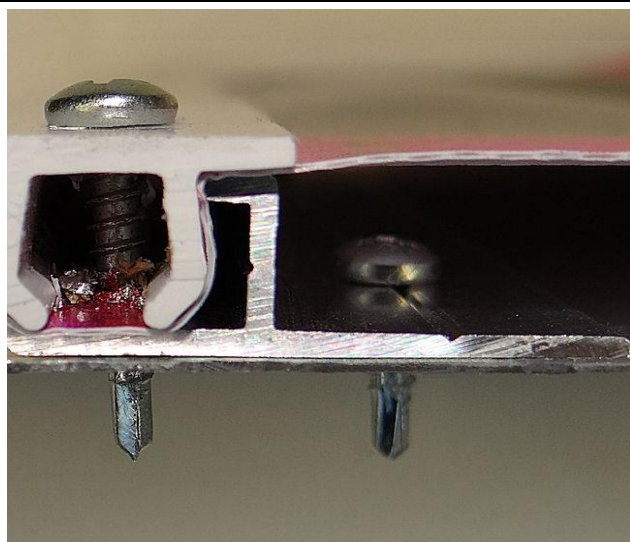
The graphic being tightly fixed on all four sides.

Last Step to Installing the graphic (Moving trucks & trailers)



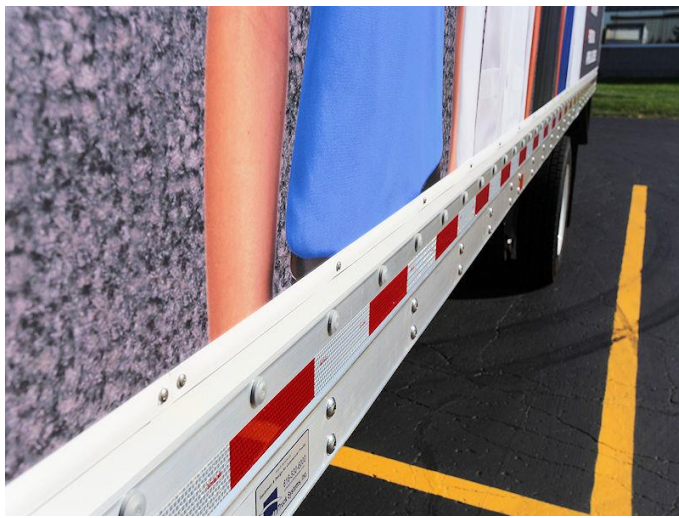
In this example we have used **flat head self-tapping screws**:

- 6 x 1/2" for fixing the TS23 to the truck side (Here a 0.19" thick aluminum sheet)
- 6 x 3/4" for fixing the PVC TS79W to the extrusion and the truck side.



To increase the strength of the fixation of the graphic, we added a 3/4" self-tapping flat head screw every 2 feet going through the top of the PVC TS79W extrusion, the basis of the TS23 and the truck / trailer side.

Then, there will be no issues related to wind or truck speed on the highways.



Extra Tip: On the driver side and the top of the frame check any spaces between the extrusion and the side of the vehicle. If any, you can consider putting some clear silicon to fill them.

