

Seal application

- 1) Once the COVANA cover has been fully assembled, raise the cover and remove the foam spacers and tape. Lower the cover and walk around the entire perimeter of the spa, observing where the inside surface of the cover will make contact with the spa. This will determine the best location to apply the seal.

⚠ CAUTION

- ◆ It is recommended to perform the seal installation when the ambient temperature is above 50°F (10°C).
- ◆ Before installing the seal joint, it is strongly recommended to reduce the water vapour generated by the spa. To do this; stop the agitation of the water by stopping the recirculation pump, and then set the temperature of the spa water to be between 2 and 5 degrees above ambient temperature.

- 2) Dry the spa edge and the underside of the cover with a clean cloth.
- 3) Apply the provided masking tape around the spa where the seal will be installed. The masking tape will ensure the seal is straight when pulled corner to corner. The ideal location for the seal is closer to the spa's interior edge, but on a flat surface (Figure 113). The minimum turn radius for the seal is 4" (10 cm).

⚠ WARNING

- ◆ The use of masking tape is recommended since it will protect the acrylic tub from the clips' glue. Furthermore, pulling the masking tape from one corner to the next will ensure straightness.
- 4) Apply the provided seal clips parallel to the masking tape around the spa and make sure there is more in the corners and in any tight turns (around filters, etc.). Keep in mind that a limited number of clips are provided. Install two clips where the seal joint connector will be located (Figure 83).
 - 5) Start installing the seal joint on the opposite side from the entrance of the spa (where the two clips were installed for the seal joint connector), with the adhesive layer facing up toward the cover (Figure 82 and Figure 83)

⚠ CAUTION

- ◆ Do not install the seal joint near a control system or the critical components of the spa.

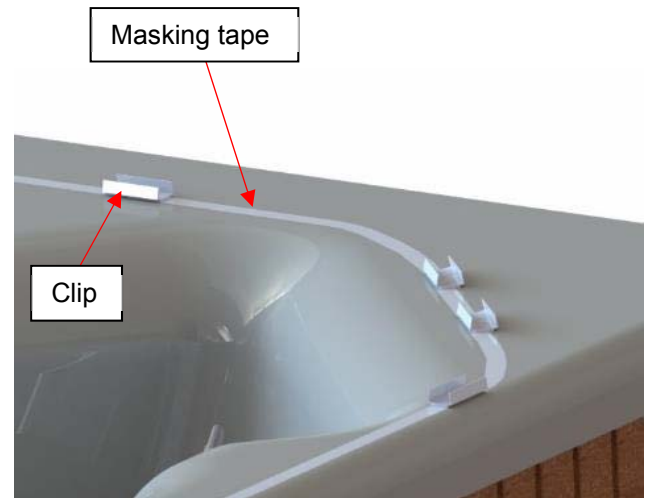


Figure 81



Figure 82

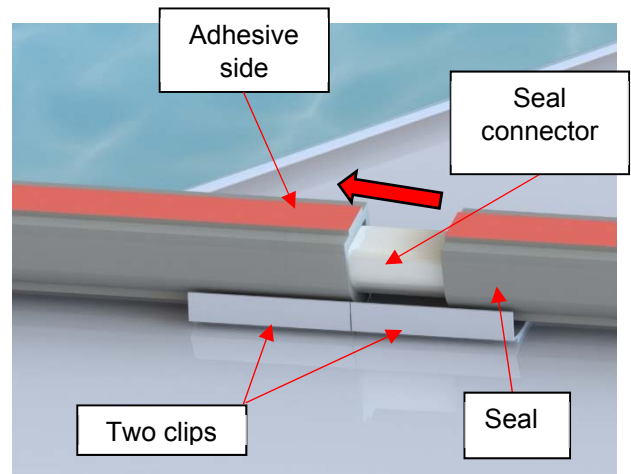


Figure 83

- 6) Once the seal is installed around the entire spa, you must cut the extra length as straight as possible for the best joint finishing results.
- 7) Use the supplied seal connector and insert it in both ends of the seal. The use of masking tape to hold the two ends tightly together is recommended (Figure 83).

⚠ WARNING

- ◆ At this point, if there is no water in the spa and the ambient air temperature is below 50°F (10°C), a temporary heater must be placed inside the spa for about 10 to 15 minutes. Once the heater is in the spa, lower the cover until it touches the seal to increase the air temperature. While generating heat, regularly check interior air temperature and do not let it reach temperatures above 40°C. After 10 to 15 minutes, remove the heater and continue with the seal installation. The rubber seal should not be overheated. Do not directly heat the acrylic or seal, as this may cause permanent damage. Do not place the heater too close to the acrylic surface, as the surface could melt or catch fire. Place the heater on a pedestal or spacers so it will not rest directly on the acrylic tub. The heater can be put back in place after step 15) and used if necessary during the curing period specified in step 16).
 - ◆ Ensure that the air temperature in the spa is still between 20°C and 40°C before proceeding to step 8).
 - ◆ Remove all dirt, oil residues and moisture from the underside of the cover for proper seal adhesion, especially in wet spa installations. The use of mild detergent can help clean the surface.
 - ◆ Ensure the seal stays tight in the clips to ensure its proper positioning.
- 8) Test the seal placement by lowering the cover about ¼" (6 mm) over the seal to ensure that the entire perimeter **will make contact** with the seal. If you are satisfied, raise the cover and remove the red plastic backing off the seal.
 - 9) Completely lower the cover onto the seal. Leave the cover in this position for **at least 5 minutes** to ensure proper seal-to-cover adhesion.
 - 10) Slowly raise the cover no more than a 1/4" (6 mm) and leave the cover in this position for about 10 seconds, as this will allow the seal to slowly and fully release from the seal clips. You can also use a non-abrasive plastic tool or your fingers to help release the seal.
 - 11) Once satisfied that the seal is released, raise the cover 36" (91 cm) high. Apply pressure on the seal to properly bond the adhesive to the underside of the cover. To apply pressure to the seal, simply push it against the COVANA cover with your hands.
 - 12) Remove the seal clips and tape from the tub's edge.
 - 13) Lower the cover again at approx. 6" (15 cm) from the spa and stop.
 - 14) Ensure the cover is flat and there are no corners higher than the others.
 - 15) Lower the cover again, and ensure the seal is touching the spa all around it.
 - 16) Completely lower the COVANA cover and leave it closed for **at least 24 hours**. This will ensure the seal is properly bonded to the cover surface.
 - 17) The seal installation is completed.