

Using conductive silicone RTVs such as CHO-BOND-1038 or CHO-BOND 1075

 The use of the conductive RTV to stick\assemble the gasket on the metalwork\panel on in the groove such as the use of CHO-BOND-1075 [has shorter working life] or CHO-BOND-1038 [longer working life] with the PRIMIER-1086 [the Primer is to aid better adhesion and is applied on the metalwork\panel where the gasket will be stuck\assembled on] it is used with silver loaded EMC o-ring gasket or die-cut flat gasket, which will result in retaining the EMC gasket in the groove or the gasket being fully stuck on the metalwork\panel and can also help and aid the gasket to handle any level [within reason] on torque when bolting the connector down.

The application process involving the use of Cho Bond conductive RTV starts with the Primer. Use the Primer as directed on the metalwork/groove, the Primer has a solvent base and will quickly dry. Apply a thin layer of Cho Bond product on the primed area.

 The application process on applying the CHO-BOND material can be challenging as the material is gritty and cures very fast on contact with air [you can use a cocktail stick or spatula to spread the material in the groove or on the metalwork but this must be done very quickly and make sure you squeeze out the amount you require of the CHO-BOND material on the metalwork and quickly seal the CHO-BOND tube so that it does not dry up in the tube], this should be applied sparingly in smears along the groove. The key is not to apply too much adhesive and you are looking for a "smears" not droplets that could cause the gasket to distort, once you applied the CHO-BOND material quickly then assemble the lid onto the metalwork and leave to dry [for full curing on the CHO-BOND materials is approx. a week but the material starts

curing instantly when in contact with air].