

SILICONE GASKET FOR NAVIGATION/INFOTAINMENT MODULE

CHALLENGE: Static seal was required for a navigation/infotainment module that would be exposed to outdoor elements like extreme temperature swings, rain, wind, and dust. The part needed to be intricate and was required to match the life expectancy of a class A RV, which can be more than 10 years.



Representation of silicone static sealing gaskets

SOLUTION: Marian Static Sealing Gasket

- Automated process was developed to produce this intricate part that included 8 extremely small pin holes and thin walls
- In-house material availability allowed for rapid prototyping and quick turnaround on testing material



Representation of navigation/infotainment module

MATERIAL: Rogers BISCO® HT-800 Silicone

- Can withstand extreme temperatures
- Provide reliable long-term seal
- Available in additional colors
- Material stocked In-house and could be quickly provided for samples and prototyping