

# Fuel Cell insulation plate

## Automotive

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### Benefits

- Superior hydrolytic resistance
- Creep resistance
- Dimensional stability
- Extremely low ion leaching
- Stable dielectric strength
- UL94-V0
- Light weight due to metal replacement this enhances zero emission mobility



### Details

Fuel cell systems need to use materials that are pure. If not, ion leaching and hydrolytic and heat aging can occur. These two failure modes and the risks and consequences can hurt your brand image. Impure materials increase the risk of ion leaching, and higher water absorbing materials show more ion leaching, which you do not want. Also, impure materials increase the risk of hydrolytic and heat ageing— PA9T and PA66 are not good performers.

### Products

Xytron™ G4010T  
PPS-GF40

Xytron™ G4080HRE  
PPS-I-GF40

### Speciality products

Light weight due to metal replacement this enhances zero emission mobility,

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