

# VEHICLE BATTERY MANUFACTURER CELL PACK COOLING TUBE

## AVIENT SOLUTION

OnFlex™ TPE Custom Formulation

## WHY AVIENT?

- Customized a Shore 60A hardness TPE formulation with good physical property retention
- Achieved good compression set and bonding performance with PA12
- Qualified thermal expansion by customer
- Provided excellent ethanediol resistance under both low and high temperature conditions

## LEARN MORE

## KEY REQUIREMENTS

- Comply with ISO 3384-1:2011 for TPE compression set
- Comply with ISO 11359-2:1999 standard for linear thermal expansion
- Good ethanediol resistance
- Good sealing performance