



## Materials

### Hot Charge Air Duct

**OEM/Vehicle**

General Motors Company

2019 Cadillac XT4

**System Supplier**

Cikautxo

**Material Processor**

Cikautxo

**Material Supplier**

DSM Engineering Plastics

**Resin**

Arnitel HT8027 TPC-ES

**Tooling/Equipment Supplier**

SIMOP



This is the industry first use of thermoplastic copolymer in a high temperature hot charge air duct in production. The application reduces cost by 20%, mass by 35% and offers more efficient manufacturing and assembly (5 parts instead of 11) and improved performance (2 leak paths instead of 4) compared to current thermoset elastomer hose/rigid hose assembly – and it can be recycled.