Low temperature FKM is used by O-ring Division and LC IMC in response to the need for a material with the fuel resistance and high temperature characteristics of FKM, but also with low temperature capabilities (a traditional problem with FKM).

**Low temperature FKM was developed for use with:**
- Alternative fuel sources such as compressed natural gas
- Tier Auto applications in emissions treatment systems (AdBlue)
- Aerospace applications because of its resistance to fuels and high altitude (low) temperatures

**Low temperature FKM provides **−40 °C materials developed via proprietary cure/filler systems for long term stability in:**
- Tests with fuel FAM A and FAM B and also with CNG
- MIL-PRF-23699 HTS, turbine oils, oxygenated petroleum based fuels, T-type hydrocarbons, longer chain alcohols, bio-fuels (biodiesel and “Bio-Jet”, based on vegetable oil methyl esters)

**Five FKM materials are available** with low temperature and fuel resistant capabilities:
- LC IMC:
  - 60 FKM 285896, 70 FKM 286110, 80 FKM 285903
- LC O-ring:
  - V127 for aerospace and 85 FKM 235447 (development) for automotive applications

The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.