



Materials

Lightweight Elastomeric Material

OEM/Vehicle

Ford Motor Company
2017 Lincoln Continental

System Supplier

Cooper Standard

Material Processor

Cooper Standard

Material Supplier

Cooper Standard

Resin

Fortrex TPE

Tooling/Equipment Supplier

Cooper Standard



These glass sealing parts are made with a new lightweight elastomeric EPDM and TPV material, which can be extruded, calendered, injection molded, foamed or converted to thin applications. The material offers automakers a 30% mass reduction versus EPDM and a 10% mass reduction versus TPV. It is non-blooming, non-fogging and offers improved scratch resistance and better NVH performance resulting in less warranty issues. It is plasticizer free, has low VOCs, and has a smaller carbon footprint — 22% better than TPV and 53% better than EPDM due to a less energy-intensive manufacturing process.