

Application Case Story

automotive
industry

APPLICATION:

Emissions Control Sensor

MATERIAL:

Rulon® 123C

PART DEFINITION:

Shaft Seal

TECHNICAL DATA:

TYPICAL DIMENSIONS:

Various Sizes

SPEED: Linear and Rotary/Low

COUNTERFACE: Glass-filled
PPS Shaft

LUBRICATION: None
(dry application)

WORKING TEMPERATURE:
Ranges from -40°F to 200°F

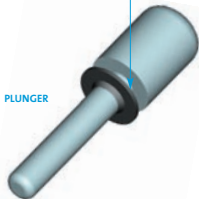
FEATURES / BENEFITS:

- Low friction
- Consistent hysteresis
- No stick-slips
- Self-energized sealing
- Low wear

Rulon® 123C is an excellent choice of low-friction material to run against a glass-reinforced PPS shaft. It provides a good seal while allowing enough sensitivity in the sensor plunger mechanism (hysteresis) within customer-specified limits.



SHAFT SEAL FOR SENSOR



PLUNGER

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