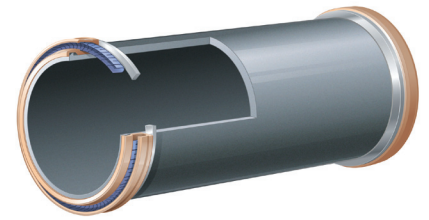


HIGH-TEMPERATURE PTFE PLUG & SEAL CONNECTORS



Plug & Seals are rubber-coated pipe sections that create a safe, leak-free connection between housings. The trend for downsizing (turbo charging), emission reduction (EGR) and standardization in engines requires a secure, low-cost sealing system to connect tubes for corresponding housings utilizing a single component to compensate for conduit misalignment and tolerance variations.

Using the **Plug & Seal concept**, LC SSA developed a high-temperature PTFE seal that combined Plug & Seal know-how with Forseal benefits, providing:

- Sealing solution is independent of tube length and design
- Compensation of assembly misalignment
- High temperature durability (250°C) and high media resistance

VALUES FOR THE CUSTOMER

Plug & Seal plug connections from Freudenberg Sealing Technologies provide many technical and cost benefits:

- Replace alternative solutions for multi-layer silicon hose (low-end) or metal
- For bellows (high-end) with a patented Freudenberg Sealing Technologies cost-effective solution
- Create a reliable seal even in high-pressure applications
- Give simple, secure, and low-cost fitting
- Ensure acoustic and mechanical decoupling
- Minimize maintenance costs due to greatly improved service life
- Compensate for misalignment and permit greater tolerances upon installation
- Reduce logistics costs
- Combine several functions in a single component
- Offer clear benefits through lower total cost
- Design development according to customer-specific requirements

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.