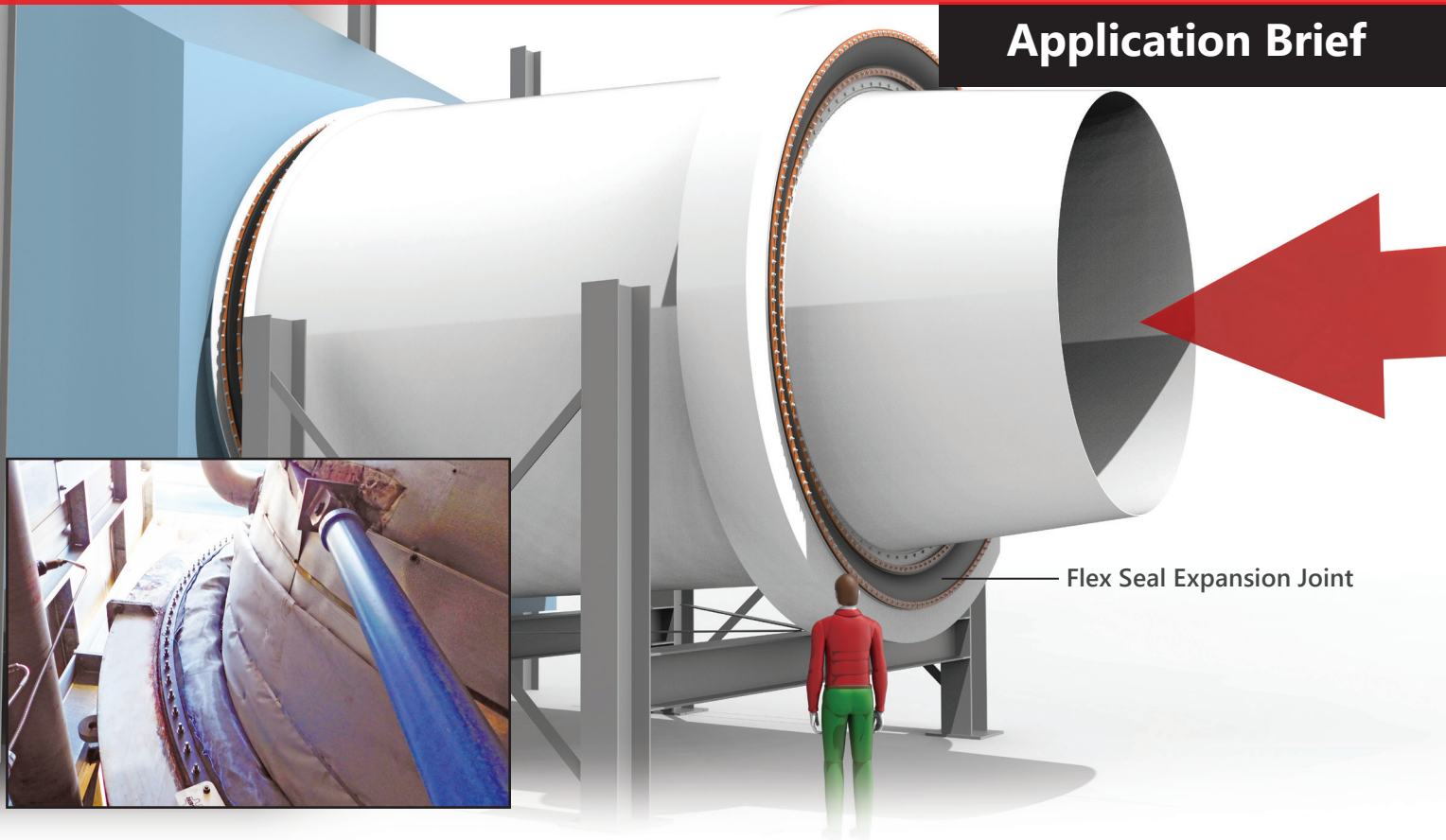




EXPERIENCE. EXPERTISE. EXCELLENCE.

GE 7FA Flex Seal Upgrade

Application Brief



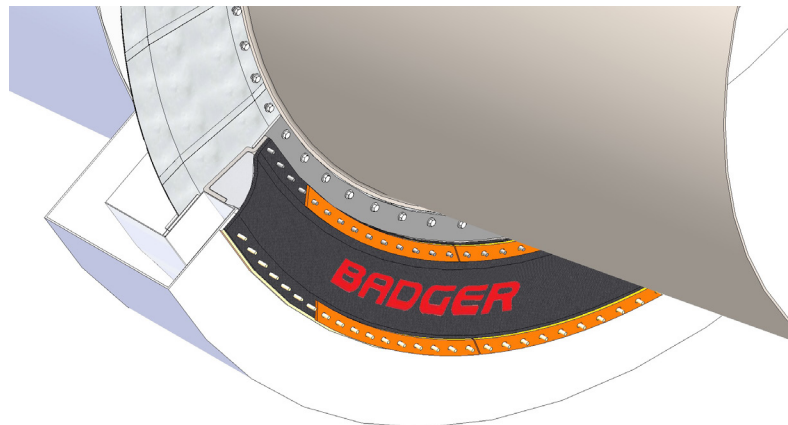
7FA Turbine Flex Seals, also referred to as Leaf Seals, are located at the aft end of the Exhaust Manifold and are the only seals between the Exhaust Tunnel and the A042 Transition Diffuser Duct. OEM Flex Seals are thin gauge Inconel overlapping Leaf Seals that are held in place by studs. Over time, the Leaf Seals leak due to wear and the studs fail, both caused by normal gas turbine high temperature cycling.

Badger offers brand new advanced materials, innovative insulation solutions, and the most experienced team in the industry. Badger's 7FA Flex Seal Upgrade options incorporate decades of gas turbine exhaust fabric expansion joint design development and hands-on repairs to provide the best Flex Seal solution.

Badger's Upgrade addresses:

- OEM Flex Seal / Leaf Seal wear and sealing integrity
- Stud failures and flange cracking
- Hot gas endangering personnel and sensitive control components

Multiple options are available depending on the condition of the unit.



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Already upgraded?

Our designs are often imitated, but Badger’s team has the experience to drive innovations in Flex Seal solutions.

No matter what company performed the initial installation, Badger’s expert team can identify issues before problems occur, and help keep your unit on-line to avoid costly outages. It is never too early to inspect the Flex Seal internally, as the leaf seals will continue to wear when cycled.

On-Site Services

Badger performs on-site service for inspection, installation, supervision, and repair of fabric and metal expansion joints. Badger’s experienced project managers provide complimentary inspections to help your team implement best practices for expansion joint installation. Developing and implementing the right maintenance plan in advance, reduces outage budgets and helps avoid costly forced shutdowns.

Choose Badger!

Our team has combined the experience of 100+ Flex Seal modifications into our ALL-NEW DESIGN; increasing the life of your exhaust components, while eliminating leaks and improving safety.

Contact Badger today to discuss which option is best for your 7FA turbine.



GE 7FA Flex Seal Upgrade-09-2020-Rev03

