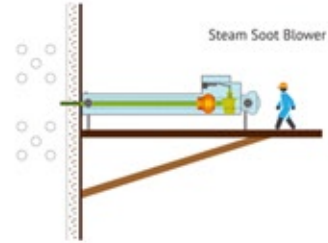


# SLADE Expanded Graphite Packings for Sootblowers

- Sootblowers use compressed air, steam or water to keep slag build-up from occurring without the necessity of taking the plant offline.
- 45cm coating of soot can accumulate in boiler in just two weeks. Resulting in a heat loss of 47% and increase in fuel consumption of 812%.
- **Typical Sootblowers Packings Problems:**
  - Short Packing life .
  - Maintenance headache: replaced as frequently as weekly.
  - Costs are at a premium.
  - Does not give proper support of feed tube when lance is at full extension.
  - Many manufactures incorporate PTFE into their packing to aid in lubrication.



## SLADE Engineered Expanded Graphite Braided Sootblower Packings

- Patented Slade 3300 sealing rings.
- Designed for high temperature, high pressure soot blowers.
- SLADE Soot Blower packings are **Self-lubricating** because of high purity Nuclear Grade (99.26%) expanded graphite used!
- Incorporates alloy “bull rings”, not just on ends of packing, but strategically throughout **allowing proper support to feed tube**.
- Remember, when you run out of room, just add a ring.



## SLADE Sootblowers Packing Case Study

Industry: Power Generating Plant in a Paper Mill

- Type of Equipment and Material: Sootblower / On-line Boiler
- Situation: Customer complained that packing would not stay inside stuffing box more than 2 weeks. It would puff into smoke and extrude creating major leakage.
- Solutions: OEM created a spring-loaded pack to insert with packing pre-inserted, creating an increase in pressure and heat. After using packing from 4 manufactures, SLADE's Sootblower sets were used.
- Outcome:
  - Where other packings would not last 1000 cycles, **SLADE's Sootblower sets lasted more than 5500 cycles** .
  - **With no Additional amperage, no volume loss in packings and no shaft wear or scoring.**



**GOLDSARK8**

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