



### Product Description

Soot build-up from boiler tubes typically associated with fossil fuel burning and power generation. John Crane offers Soot Blower Sets for most soot blower models. These sets consist of chevron style middle rings to accommodate both the rotational and reciprocating motion of the soot blower lance tubes, and male and female end rings that conform to the stuffing box. These corrosion resistant sets feature good heat dissipation and low friction generation, resulting in low power consumption and reduced downtime and maintenance. They are available in filled PTFE or graphite.

### Construction/Features

**PTFE** - The filled PTFE style is custom precision molded or machined to meet customer specifications. The PTFE rings are filled with molydisulfide and fiberglass and are usually applied in hot air service. The molydisulfide enhances lubrication, increases heat dissipation and lowers friction. The fiberglass increases the overall strength and durability resulting in longer set life.

Sets are provided with solid rings or unique bi-directional splits which virtually eliminate leak paths and make for easier installation. These sets are also supplied with John Crane braided C1045 end rings which serve as wiper and compression rings.

**Graphite** - High purity flexible graphite soot blower sets handle high temperature steam, hot water, or gases and provide superior heat dissipation and enhanced lubrication. These sets are custom dieformed rings and consist of chevron style middle rings and male and female end rings. Rings are available with double cuts for easy installation.

### Performance Capabilities

- Temperature: PTFE: up to 232°C/450°F  
Graphite: up to 455°C/850°F (Atmosphere)  
up to 540°C/1000°F (Functional steam)
- Pressure: up to 68 bar/1000 psi
- Stainless Inserted: Up to 680 bar/10,000 psi
- pH Range: 0-14


### Standard Sizes

Fits most OEM soot blower models.




Note: For additional application or product information, contact John Crane.

### Industries Served

- General industry
- Power generation
- Pulp and paper (Utilities)

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FLUID CONTROL