

## Smooth Flame Burner 3800

### Description



### Applications

Flame Treating of Plastics, Paper and board  
Flame Sealing  
Flame Drying of Inks  
Flame Polishing  
Flame Hardening, Annealing

### Features

High Capacity – up to 2,000 Kcal/cm/hr  
(20,000 Btu/inch/hr)  
Utilises a unique stainless steel ribbon system  
Robust Cast-iron construction  
Also available in single slot arrangement  
(1800 series)

The 3800 burner is primarily used for pre-treatment of carton board prior to laminating. The major benefits of this are the removal of surface fibres that can pinhole the laminate that leads to cross contamination.

The flame will also enhance the dyne level leading to better bond strength

The Aerogen series 3800 burners are manufactured from a precision cast iron body. A stainless steel ribbon pack, provides an evenly distributed flame without any interruptions. Particularly suitable for accurate flame impingement on high speed web applications especially converting paper and lightweight board.

Available in a range of lengths from 48 inches (1,200 mm), upwards. The 3800 series burners are fitted with flame adjusting deckel rods to tailor the flame length to the material optimising gas consumption. Water-cooling is incorporated to prevent distortion of the burner in operation.