

Converting

With many years of industry experience, Aerogen is an acknowledged European expert on the surface preparation of film, foil, paper and board. Aerogen offers creative solutions to a wide range of industries.

In the converting Industries, flame treating is firmly established as a safe, reliable and a high performance method for surface preparation prior to coating, laminating and bonding, or printing.

Our Technology

- Fully Automated Combustion Equipment
- PLC Controlled

Advantages

- Adjustment
- In Line Capability
- No Risk of Contamination of Component
- Very High Production Speeds
- Low Energy Costs
- No Ozone Emissions
- Repeatability
- Reliability

Applications

- Film Treated
- Paper and Aluminium Foil
- Carton Side Sealing



Using a direct gas flame that is precisely controlled reduces the surface fibres associated with paper and boards, preventing pin-holing of laminates. A better bond strength is also achieved as the dyne level is raised slightly.

The advantages of using flame to enhance adhesion prior to printing and converting are many. Whether used with paper, board, polyolefin or aluminium webs, the flame process offers a reliable means of achieving high levels of treatment and a stable surface change, all leading to a more refined product.