

Series 808 Burner For the Flame Plasma Surface Modification of Non-Polar Materials

The Series 808 burner is designed specifically for use with modern BOPP film lines with working widths of up to 10 meters for Flame Plasma Surface Modification. This enhances the adhesion qualities of this film prior to printing.

The burner consists of 1 Metre split casing with two independent water cooling chambers which are flanged at each end to facilitate the assembly of longer lengths. In order to accurately position the active zone of the flame and thus optimise the surface modification, the burner body is fixed in a position relative to the back -up roller and the "flame gap" is set by the fine adjustment of the ribbon pack cartridge within the burner body.



FEATURES:

- ◆ Lightweight Aluminium Burner body
- ◆ Rigid beam construction
- ◆ Split Body Casting
- ◆ Easily replaceable 'Cartridge' ribbon Pack
- ◆ Max rating 8,000 BTU 5" /hr

ADVANTAGES:

- ◆ Minimal Thermal and Physical

Distortion

- ◆ Better Cooling Water Control
- ◆ Refined "Flame Gap" Control
- ◆ Fast replacement of ribbon pack
- ◆ Ease of maintenance

BENEFITS:

- The Control Of Wettability Levels Across All Working Widths
- Cost Effective Surface modification
- High Wettability Levels For Water Based Coatings And Lacquers
- Reliable Operation At High Web Speeds
- Easy Maintenance
- High dyne levels