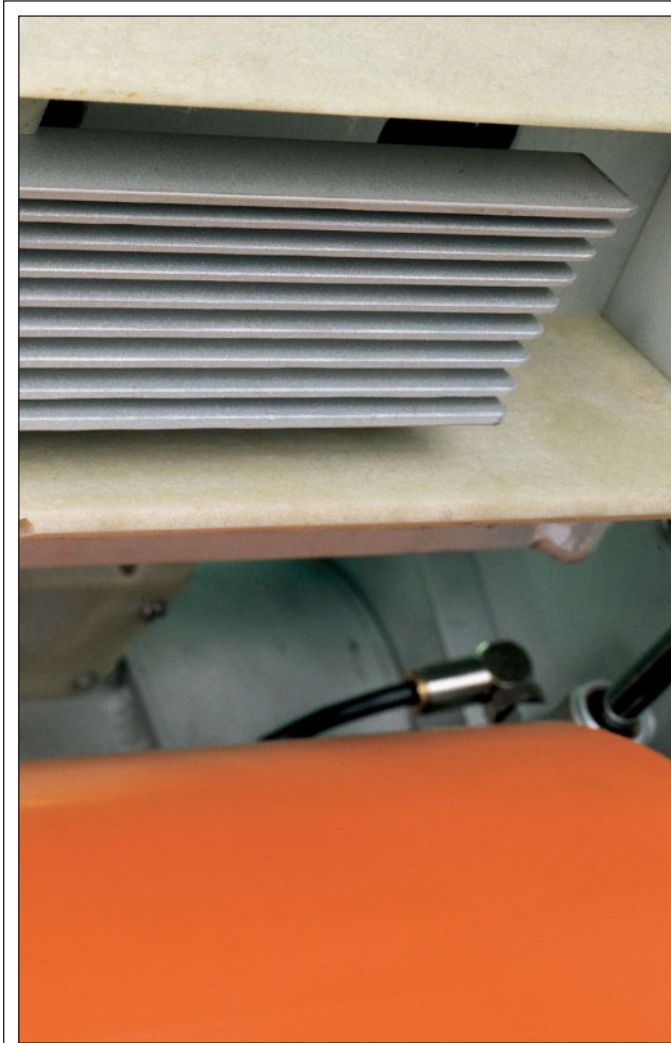


Corona-Plus PF9 / CERAMIC ELECTRODE



High capacity electrode systems

The PF9 profile electrode is widely used for non-conductive substrates in widths up to 8 metres. It is especially suitable for fast lines demanding high effect, and can take a loading of 6 kW/metre.

The electrode is a 9 finned anodized aluminium profile. The wide discharge area provides a long dwell- time giving high treatment levels.

The special mounting of the electrode allows it to expand without distorting when warm, ensuring uniform treatment of the film.

As an optional extra, the electrode can be mounted with a spring-loaded lock, which makes it quick and easy to change between different electrode lengths.

The ceramic electrode is used for treatment of both electrically conductive (aluminium foil and metallised film) and non-conductive substrates (PE, PP, etc.) in widths of 0.1 metre to 3 metres.

Each individual ceramic tube can take an a load of 1.00 kW/metre, and with a maximum of 4 tubes in one treater head, the total output can be 4 kW/mtr.

The electrodes consist of square section ceramic tubes, with metal inner conductors. They are mounted in special insulators, and each tube can be changed individually, with provision for expansion, ensuring uniform treatment of the film.

Contrary to metallic electrodes a ceramic electrode does not need a dielectric covering on the backing roll. This eliminates downtime in connection with changing of defective sleeves or coverings.

Both the PF9 and the ceramic type are mechanically stable electrodes, mounted in pneumatically actuated assemblies that automatically pivots away for splices and returns to its starting position again. Digital readout for airgap adjustment is optional.

Both types can be offered with our Quick Change electrode.



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