



LabelTEC Corona Treatment of Narrow Web

The purpose of surface treatment of polymer-based materials is to increase surface wettability through electrical discharge. The low surface energy of polymer-based substrates often leads to poor adhesion of inks, glues and coatings. To obtain optimum ad-

hesion, it is necessary to increase the surface energy of the substrate to just above that of the material to be applied. Surface treatment with Corona results in improved surface adhesion properties.

LabelTEC is designed for the pre-treatment of conductive and non-conductive narrow webs.

This type of system will treat either one or both sides of the web and will accommodate widths from 100-500mm, running at production speeds of up to 150m/min.

All materials used are resistant to corrosion and easy to maintain.

Treating Stations are available as standard units or can be custom built to suit widths from 500 - 3000mm, single or double sided treatment.

LabelTEC conforms with CE regulations and carries CE marking.

Option: Opening electrode hood.

Advantages:

- Compact design & construction.
- Easily fitted to new or existing production lines.
- Ceramic electrode elements for uniform surface treatment.
- Good accessibility for initial film thread-up.
- "Easy-Fit" interchangeable electrode system.
- Available for single (CS) and double sided (CD) treatment.
- Idler rollers included.
- Stainless steel backing roller.

