

Corona 3-Plus

FOR POLYMER ITEMS



VETAPHONE Corona 3-Plus Corona Treatment

Top quality adhesion of printing inks, adhesives or coatings on polymer materials, such as PE, PP, PS, EPDM-rubber and other substrates, is a common requirement throughout the plastic and rubber processing industry.

All polymer materials exhibit by nature a low surface energy, resulting in poor adhesion and wetting properties. However, exposing the product to electrical corona discharge prior to a finishing process, the surface energy increases considerably to yield the optimum bonding quality.

VETAPHONE Corona 3-Plus systems are available for surface modification of all sorts of 3-dimensional plastic and rubber products, and the customers' manufacturing processes are always taken into careful consideration, ensuring the corona system will suit all semi- or fully automatic production lines.

The CP SPOT creates a high voltage, high frequency corona discharge, which is directed towards the substrate's surface by air pressure. The treatment width is 25-30 mm. Customer has to supply : 230V and clean

compressed air, 6bar.

The complete Corona 3-Plus system conforms to CE-regulations, and consists of a compact, computerised generator and a spot head with exchangeable electrodes.

A few examples of Corona-Plus applications:

- Automotive 3D-Parts and Profiles
- Tubes, Hoses and Pipes
- Cables and Wires
- Medical Tubing and Devices
- Medical Tissue Culture Products
- Pharmaceutical and Cosmetic Packaging
- Food Packaging, Cups, Tubs and Lids

Send us a sample of your product, and we will suggest a Corona treatment solution.



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