

COMPOSITION:

Glassteel Corona Treater Rolls are coated with a proprietary formulation that forms both a chemical and a physical bond with the roller surface. Glassteel's amorphous structure and non-porous surface will provide superior durability, treatment quality and withstand ozone and other forms of corrosion or coating degradation.

PERFORMANCE BENEFITS:

STRONG, CONSISTENT, UNIFORM FILM TREATMENT

- Glassteel's low watt density requirement achieves higher dyne levels with a more uniform, consistent and stronger corona or plasma discharge.
- Lower power levels and the uniform surface reduce the occurrence of backside treatment.

INCREASED LINE SPEEDS

- Superior heat dissipation allows for cooler operation.
- The low watt density requirements ensure better film treatment with increased line speed.

SUPERIOR DURABILITY

- Glassteel's amorphous structure and non-porous surface will last years longer than traditional porous, dielectric coatings.
- Glassteel has the highest dielectric strength of any roll coating. It is immune to ozone and cleaning chemicals, and is resistant to knife cuts, scratches, and normal wear and tear.

REDUCTION IN ENERGY CONSUMPTION

- Glassteel uses up to 50% less energy while achieving uniform and consistently higher treatment levels due to lower power consumption.

LESS MAINTENANCE

- The amorphous structure of glass makes the roll coating non-porous, which reduces or eliminates web build-up and requires less cleaning.
- The fused glassteel roll is resistant to breakages or punctures.

SPECIFICATIONS:

Dielectric Strength	900 volts/mil
Surface Finish	12-16 Ra
Corrosion Resistance	Excellent

FOR USE IN

Corona Treatment

Converting of Paper,
Film and Foil

Continuous
Operations

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