

Coating Film with Solvent-Based Coatings

Pulsed DC Equipment

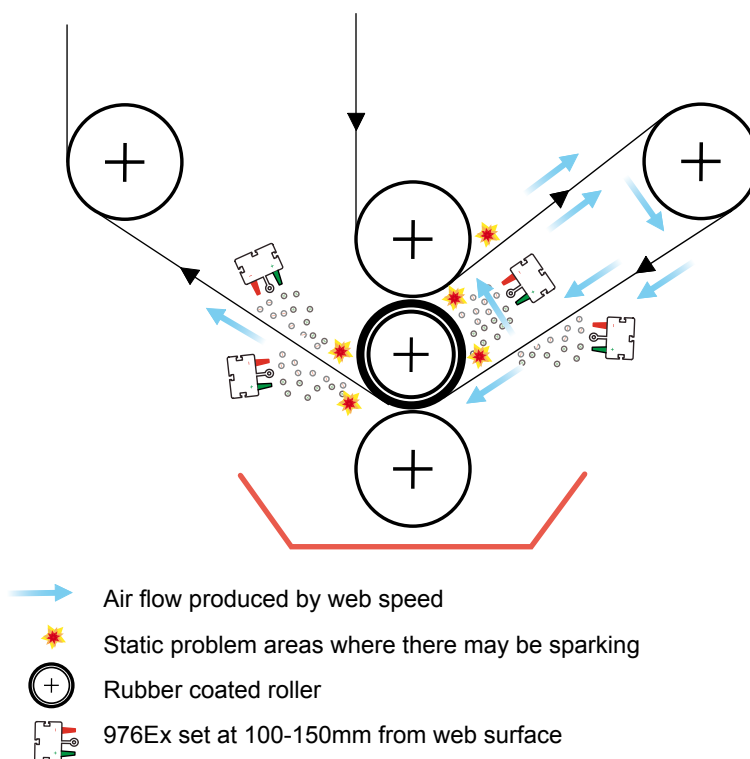


converting > solvent based coating >
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Problem

Solvent-based coating processes can present high risks due to the generation of high electrostatic charges on the substrate and rubber coated machine rollers. Subsequent electrostatic discharge can ignite the solvent-rich environment, leading to:

- fire outbreaks
- machine damage
- loss of production
- health & safety issues



Solution

Only static control devices that meet stringent ATEX requirements can be installed in classified hazardous environments. Meech 976Ex long range Pulsed DC systems offer a proven solution to potential static discharge problems on high speed solvent-based printing and coating lines, as shown.

The 976Ex is certified by Baseefa to comply with Article 9 of the Council Directive 94/9/EC (ATEX) under EC Type Examination Certificate No Baseefa04ATEX0348X.

II 2 GD EEx m IIB T6
 $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq 35^{\circ}\text{C}$

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