



































## Electrode & Ground Roll Advancements

- Transition from metal electrodes with covered roll surfaces to ceramic electrodes with bare rolls.
  - Enabled the treatment of conductive or metallized films
  - Eliminated roll covering failures







## Summary

- Corona Treatment is used to clean a surface from contaminants, improving ink adhesion
- Surface treating is available in a variety of technologies (corona, plasma, and flame) and a variety of configurations
- Films respond differently to treatment for reasons inherent to the film type
- Advances in corona treater technology
  - Ceramic electrode advancements enable treatment of conductive or metallized films
  - Ceramic electrode advancements allowing more power in a smaller footprint
    New power supplies are Industry 4.0 ready and can communicate operating and fault data over network control infrastructures

TAGA

72<sup>nd</sup> Annual Technical Conference · Oklahoma City, OK · 2020

## **Questions?**



## Aaron Hootkin Enercon Industries

+1 (262) 255.6070 ahootkin@enerconmail.com www.enerconind.com/web-treating

72<sup>nd</sup> Annual Technical Conference · Oklahoma City, OK · 2020

