

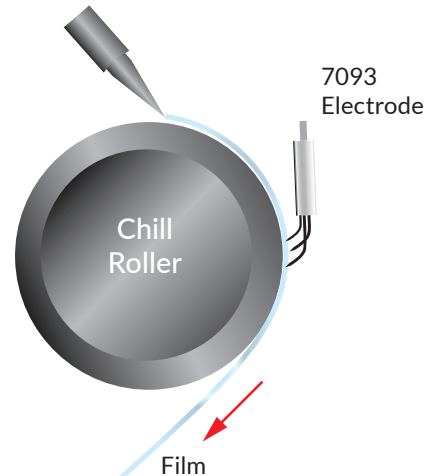
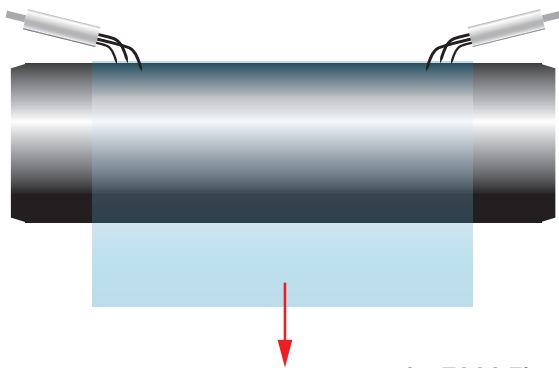
# SOLUTIONS TO STATIC PROBLEMS



## CHARGING

## CAST FILM NECK-IN APPLICATIONS

On a cast film production line, the molten plastic is extruded onto a chill roller. The plastic is rapidly cooled and becomes film. The cooling process produces undesirable shrinkage of the film. To prevent this shrinkage, or 'neck-in' two 7093 Electrodes are used - one on each edge of the film.



### RELATED PRODUCTS



IONFIX Compact Static Generator



7093 Edge Pinner

2 x 7093 Electrodes which are specially designed for this type of application.



This photo shows a 7093 Electrode on a Dolci Cast Film extrusion line.

7093 Electrodes have been designed for this application - to overcome the hot and hostile environment.

The temperature is usually above 100°C and the atmosphere is dusty and oily.

The 7093 has a PTFE body to withstand the ambient heat and the three emitter pins, which have tungsten tips, are replaceable for cleaning or because they have been damaged.

The tungsten emitter tips and PTFE body of the 7093 Electrode make it uniquely suitable for this type of application.

Each emitter has its own resistive coupling to the high voltage for a powerful, even and controllable distribution of charge.

The IONFIX Compact Generator is the ideal generator.

Generation - Cast Film Neck-in - Solutions-2017