



## CHARGING

## COMPACT WINDING AND AIR EXCLUSION, BAG ON REEL

Static generation can exclude the air in multi-layer products to produce a compact product. A typical application is reels of rubbish bags. A 7160 Bar and IONFIX Compact can squeeze out the air to make the product as compact as possible. In this application the two sides of the web will have a different charge – one side (+), the other (-). This will also ensure a tight reel with no loose tail – the end of the wind not sticking to the reel.

### Bag on Reel/Plastic Bags

Continuous rolls of plastic bags, for example rubbish bags, are produced on one long machine. Static generators are used to hold the two layers closely together to exclude air. Air between the layers makes the reel of bags too big. The design of these machines varies- so the sketch here shows only a typical installation.

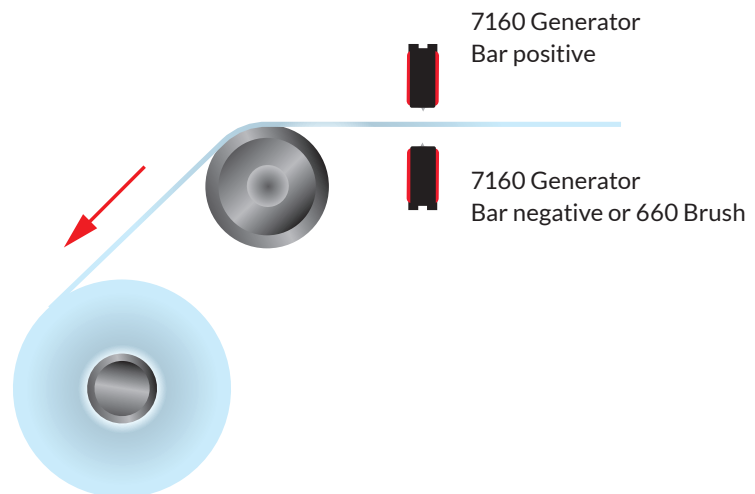
### RELATED PRODUCTS



IONFIX Compact Static Generator



7160 Static Generator Bar



The two Generator Bars create strong adhesion between the layers of the bag and exclude all the air, which allows a compact reel to be made.

Static generators may also be needed on the winder to make the reel compact and to hold the end of the bags tightly to the reel.

Conventional plastic bags also use static generators to hold the layers of film and patch handles together.

If air does not need to be excluded, a compact reel can be achieved with a 7160 Bar charging the reel as it winds. This Bar can also help the web attaching to the cardboard core at the beginning of the wind.

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### Compact Winding

Bag-on-reel application must create a tight compact reel to fit into the packaging bag. A static generator is used for this.

The IONFIX Compact Generator and 7160 Bars are ideal for this application.

