

### Film on Chill Rollers

#### Pinning 2

#### Problem

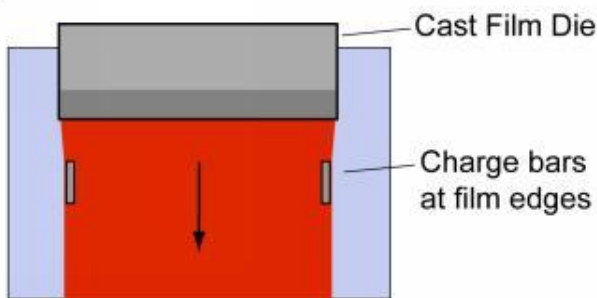
Cast plastic film exits from the die in a semi molten (and hot) state. It passes over a chill roller causing the film to shrink in width - this is known as 'necking'. Static generators can prevent 'necking' and thus improve the quality of the process dramatically. The conventional method used to stop 'necking' is with a high pressure compressed air knife. However this is a very expensive and noisy process.

#### Solution

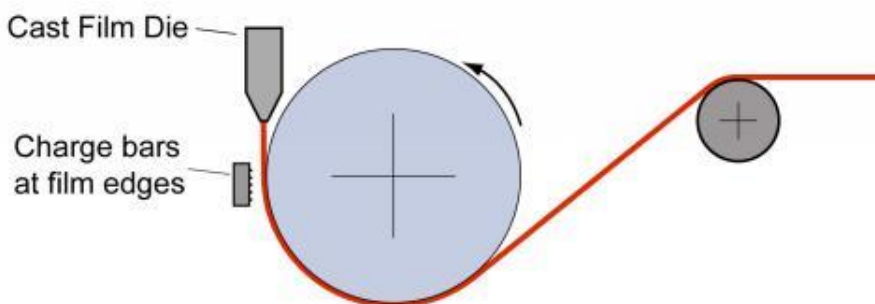
By using a charging system, a generator bar is positioned over the film where it comes first into contact with the chill roller. The charge 'pins' the film to the steel chill roller, which prevents it from shrinking. The costly air knife can be removed saving considerable money and reducing noise pollution.

Fig.

Top



Side



Meech International

2 Network Point  
Range Road, Witney  
OX29 0YD, UK

Tel: +44 (0) 1993 706700

Fax: +44 (0) 1993 776977

email: sales@meech.com