

Applications

PLASTIC APPLICATION AUTOMATED SLEEVING MACHINES APPLICATION SHEET



On automated sleeving machines, the problems arise as the sleeve is opened for fitting to the bottle. As the sleeve is opened, the two surfaces are separated and electrons migrate from one surface to another. As the material is Non conductive, it cannot re-address the imbalance and retains the static charge.

The charged labels will now become attracted to an earth potential or a charge of the opposite polarity. If the bottle the label is being fitted to is of the same polarity, the label will repel and jam causing waste and rejects. If the bottle is of the opposite polarity, the label will be attracted to bottle too quickly and the synchronisation will be out, causing jams, down time and waste.

By neutralising the bottles prior to the label being fitted, you will eliminate the chance of material misbehavior and miss aligning. This will reduce waste and rejects and increase volume, productivity and profits.