



**MANUFACTURING PROCESS
ALUMINIUM BARRIER FILMS & BAGS**

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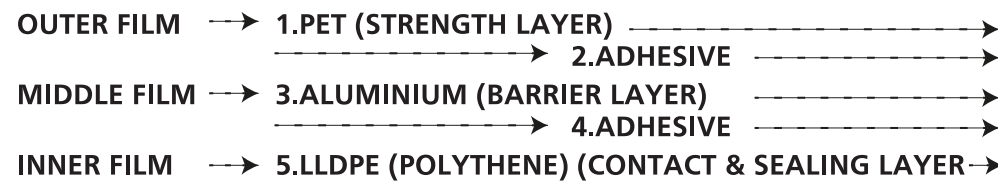
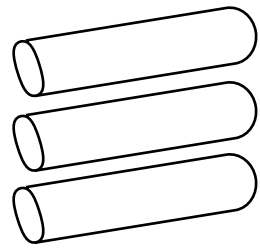
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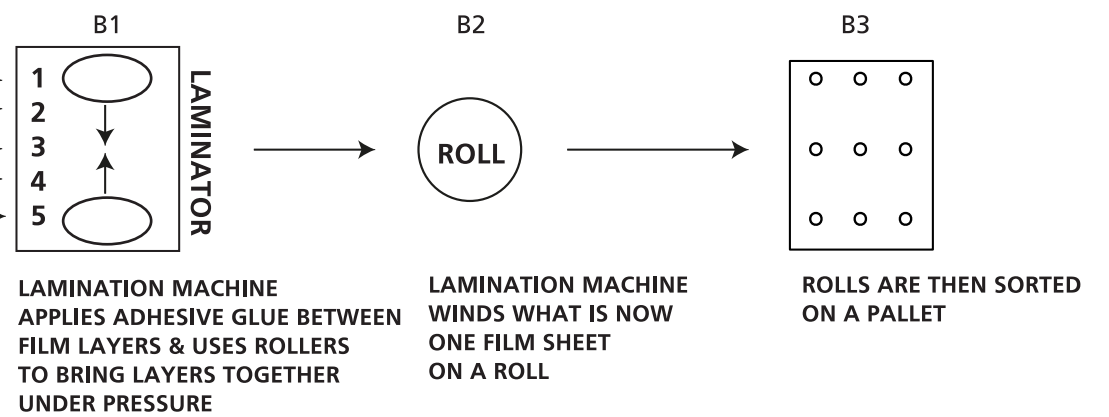
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A FILM MANUFACTURING STAGE - 5 LAYERS BROUGHT TOGETHER

ROLLS OF FILM TO BE LAMINATED



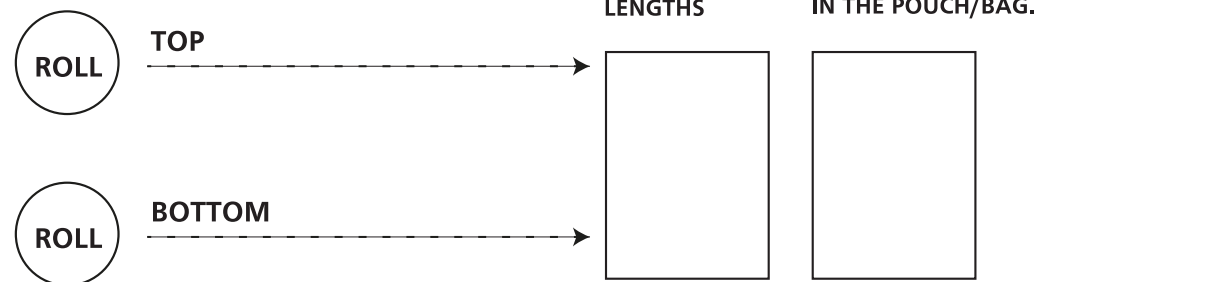
B LAMINATION STAGE



THIS IS AN EXAMPLE OF ONE OF OUR COMMON LAMINATES BUT WE CAN OFFER DIFFERESNT SUBSTRATES. WE SPECIFY FOOD CONTACT GRADES ON INNER CONTACT LAYERS.

C CONVERSION STAGE

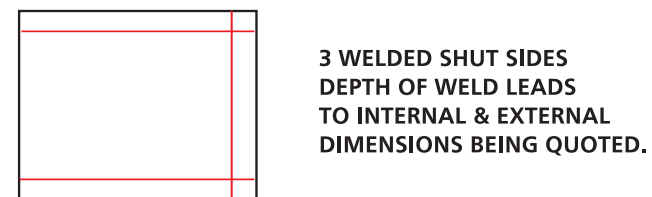
ROLLS LOADED ONTO BACK OF WELDING MACHINE



ROLLS ARE LOADED ONTO THE MACHINE TO MAKE SURE THE TWO LAYERS WHICH COME INTO CONTACT ARE THE FILM 5-LLDPE LAYER.

1. AS THIS LAYER COMES INTO CONTACT WITH THE PRODUCT BEING PACKED IT IS CERTIFIED TO BE FOOD GRADE.
2. THIS LAYER IS ALSO THE LAYER THAT SEALS THE TWO SHEETS TOGETHER WHEN HEAT IS APPLIED.

D FINAL POUCH STAGE



E PACKING, TESTING & SHIPPING STAGE



F FINAL PACKAGING STAGE AT CUSTOMER SIDE

CUSTOMER PACK THEIR PRODUCTS INTO POUCH & SEAL THE OPEN END WITH AUTOMATIC MACHINERY OR WITH MANUAL HEAVY DUTY HAND SEALER WHICH WE CAN SUPPLY. HEAT IS TRANSFERRED ACROSS THE 5 LAYERS TO WELD THE LLDPE CONTACT LAYERS TOGETHER. ALTERNATIVELY CLIP SEAL STRIPS & PRESSURE RELEASE VENTS CAN BE ADDED TO THE POUCHES AS PART OF THE MANUFACTURING PROCESS.