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quality always achieve great results. ”

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RCA FOR THE PHARMA MARKET

MACHINERY FOR :

- 1) TRANSDERMAL PATCHES
- 2) ORAL FILMS FOR PHARMA AND NEUTRACEUTICAL PRODUCTS

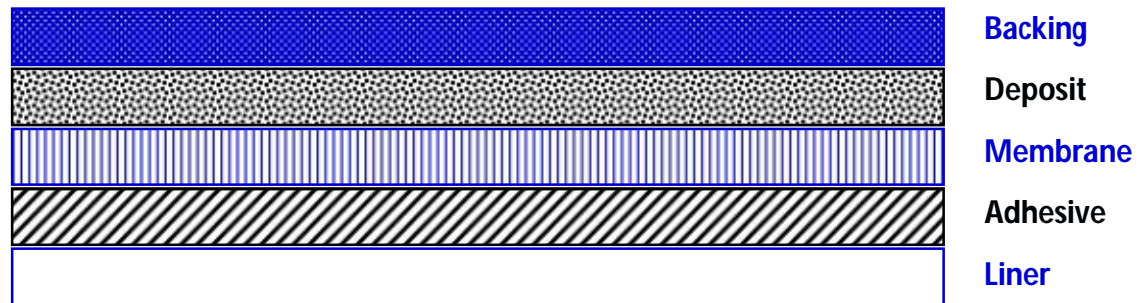
DEFINITION OF TRANSDERMAL PATCH ACCORDING TO EUR. PHARM Ed7

- Transdermal patches are flexible pharmaceutical preparations of varying sizes, containing one or more active substances. They are intended to be applied to the unbroken skin in order to deliver the active substances to the systemic circulation after passing through the skin barrier...
- When applied to the dried, clean and unbroken skin, the transdermal patch adheres firmly to the skin by gentle pressure of the hand...

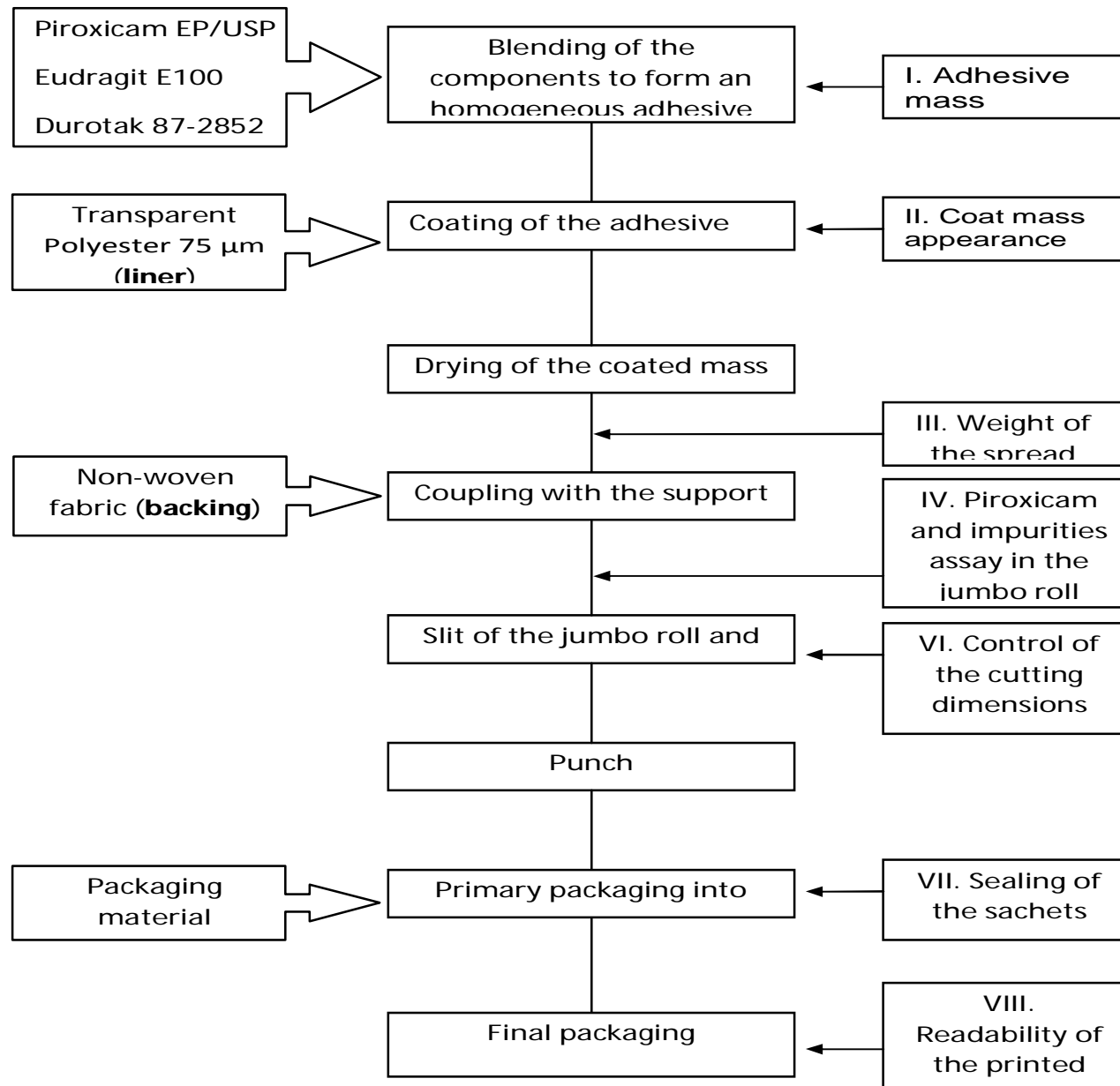
STRUCTURE OF A TRANSDERMAL PATCH

Multi layer structure

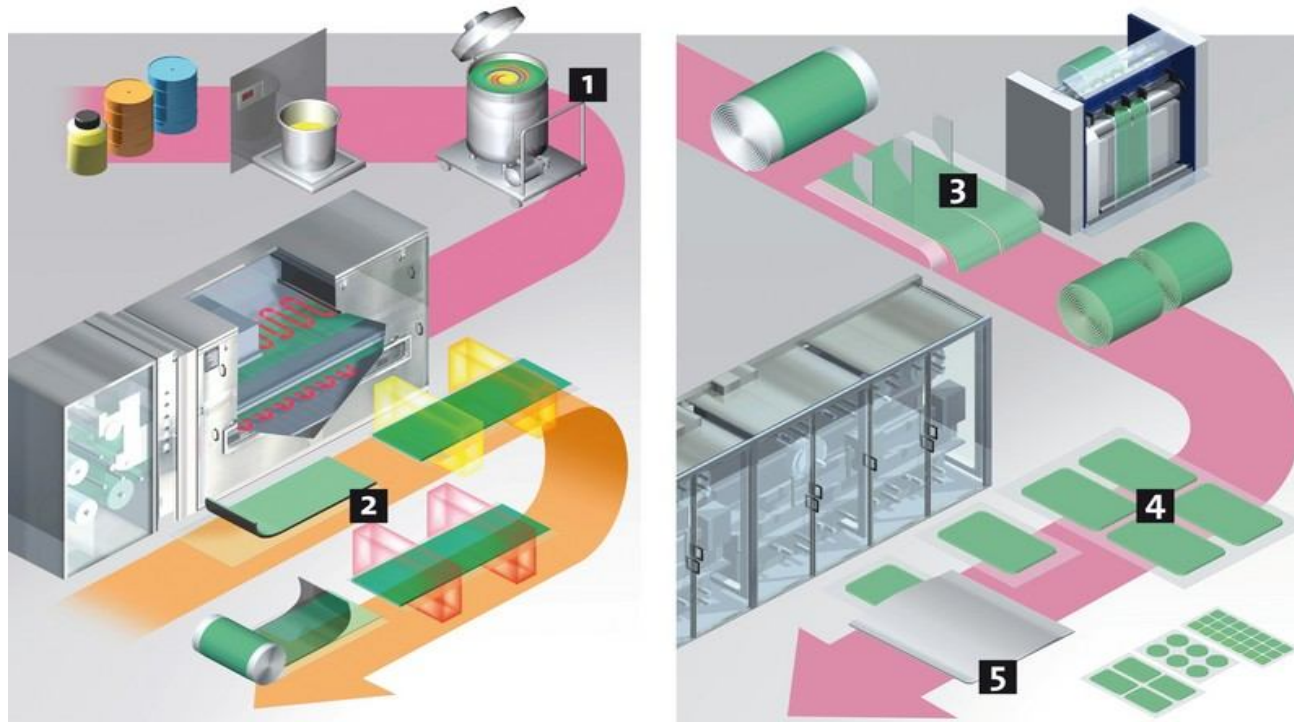
- Protective Layer (backing)
- Deposit of drug (liquid or solid)
- (Membrane)
- Adhesive
- Liner



PRODUCTION PROCESS



SCHEMATIC OF THE MANUFACTURING PROCESS



Manufacturing method for drug-in-adhesive type matrix patches (legend):

- 1) Mixing and weighing of all ingredients as liquid drug-containing adhesive solution
- 2) Coating, drying and lamination of liquid mass to result in drug-in-adhesive layer
- 3) Slitting of the laminate into daughter rolls
- 4) Punching of the patch contours
- 5) Single patches are sealed into pouches

COATING

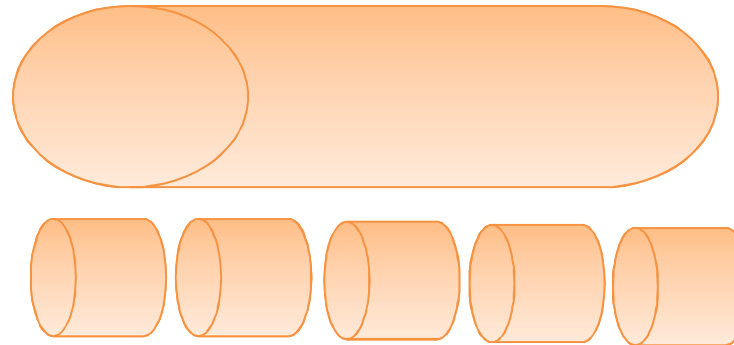


The coating and drying process of the adhesive, or of the matrix, as well as the lamination are carried out in the same machine: effect of the temperature and of the ventilation.

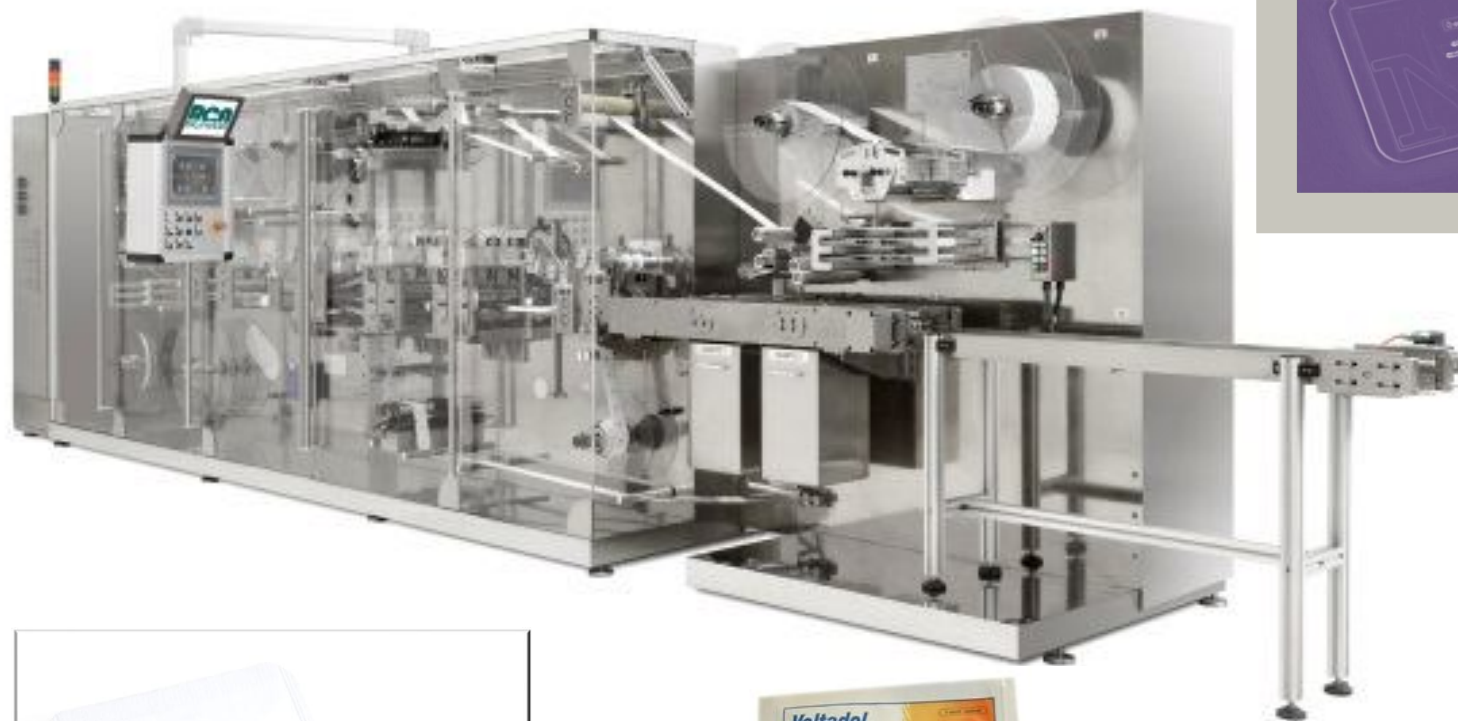


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SLITTING OF LAMINATE IN DAUGHTER COILS

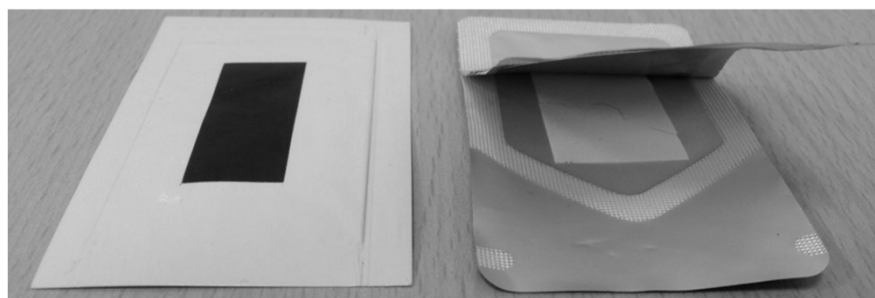


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THANK YOU !

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