

DIATEX

INFUPLEX

MULTILAYER COMPLEX
FOR VACUUM
INFUSION CREATED
BY DIATEX !



EN 9100
EN 9120
ISO9001

INFUPLEX created by Diatex in 2007 is a **multilayer system** used in vacuum infusion process.

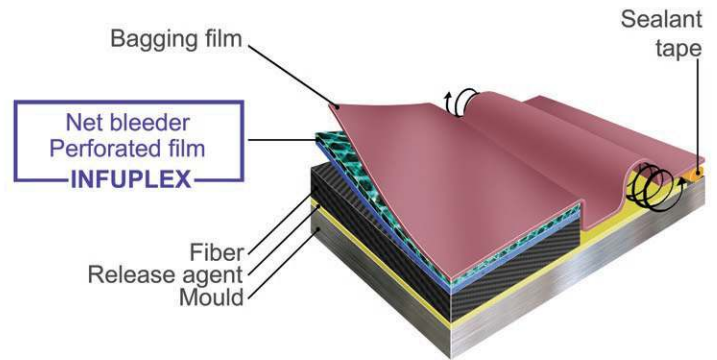
The **Infusion process** requires the laying up of successive layers of bagging material :

- Peel ply
- Perforated film
- Net bleeder

The traditional technology makes the positioning of those layers delicate and time-consuming and has many draw-backs :

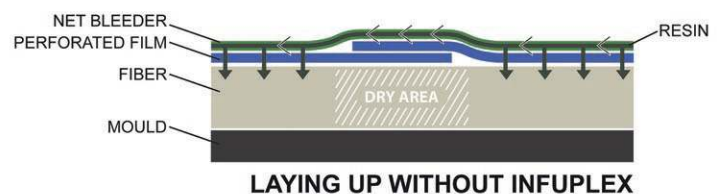
- Overlapping issue,
- Over-use of spray adhesive,
- Many cuts and successive operations : lost of productivity.

INFUPLEX combines 2 of the 3 layers mentioned above : perforated film and net bleeder. When applied directly onto the part or over the peel ply, INFUPLEX removes the risk of forgetting the perforated film, it also solves the overlapping issue.

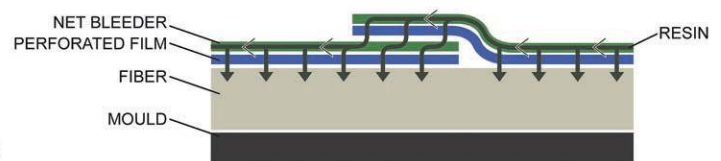


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INFUSION WITH OVERLAP



LAYING UP WITHOUT INFUPLEX



LAYING UP WITH INFUPLEX

BENEFITS:

- Less waste
- Available in ISONET, OM70, DIANET and FLONET versions: different speeds
- Impregnation without defect
- Porosity of the additional layers unchanged / stable
- No risks of omissions
- No risks of dry areas due to overlaps
- Easy to use & time saving
- Reduces use of spray adhesive
- Increases productivity of infusions
- Possibility of INFUPLEX High Temperature Infusion (200°C)

