

LETOXIT® Foil Technology (LF Technology)

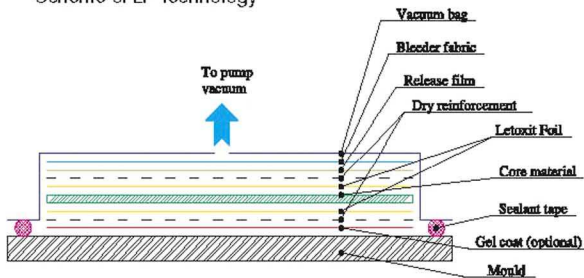
WHAT IS IT?

LF Technology is **epoxy resin** in the form of flexible **foil (film)**, which softens at increased temperature, impregnates originally dry reinforcement and cure in one step.



LF Technology allows dry way of laminate parts production and represents competitive technology mainly to prepregs or to RFI, RTM, VARTM and hand-lay up.

Scheme of LF Technology



ANY BENEFIT FOR ME?

- impregnation and curing in one step!
- dry way of lamination without mess around
- 3x faster production in comparison with liquid resins
- no hazard vapours during manipulation and curing
- glossy and smooth final surface
- save money for storage
- great ratio reinforcement/resin (60:40)

TECHNICAL INFORMATION

- resin area weight: 120 - 840 g / m²
- reinforcement: fabrics (glass, carbon, aramid, basalt, hybrids)
 multiaxial fabrics
 mats
 rovings
- core material: honeycombs (Nomex, aluminium, paper, PP, ...)
 foams (PUR, PS)



APPLICATION

automotive industry: car bodies, covers, hoods
 transportation: hoods, side panels, doors, racks
 aircraft industry: covers, doors, all types of panels
 health care: orthoses, prosthesis

More technical information - turn page ➔

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