

VACUOPEEL™ PA64 PES200

DIATEX Vacuum Moulding Complex



Vacuum moulding

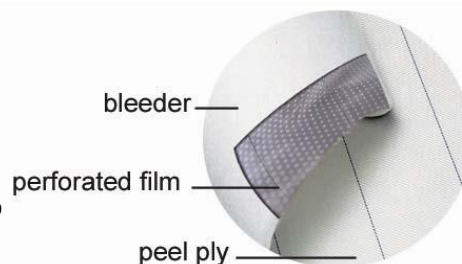
DESCRIPTION

VACUOPEEL™ is a multilayer system (**without adhesive or glue**) used in manufacturing processes for vacuum moulding of composite materials with techniques such as prepreg, wet lay-up, and thermoplastic. **VACUOPEEL™** is a “smart complex” which gives many benefits to the producers : save time, improve the composites quality, one product to buy instead of 3, one product to apply instead of 3. This “economic” version is made with PA64 peel ply, a nylon peel ply which leaves a very fine surface impression. PA64 is designed to be used on epoxy composite systems.

During the curing process, **VACUOPEEL™** removes the gases and the excess of resin more efficiently than the traditional method. **VACUOPEEL™** is an evolution of the **VACUOPLEX™** developed in 1991: the only difference is on the fact that you can remove the **VACUOPEEL™** in 2 times after the curing process :

1. You remove the bleeder and the perforated film.
2. You remove the peel ply. With **VACUOPEEL™** you can keep the peel ply on the part in order to protect the laminate against all the pollution during its storage.

DIATEX proposes different versions of VACUOPEEL: a VACUOPEEL for each application.



bleeder

perforated film

peel ply

STORAGE

Keep this film at room temperature and normal hygrometry.

CHARACTERISTICS

Peel Ply PA64 :

Color	Weight	Auto release
White + stripes	64 g/m ²	YES

Perforated Film :

Raw material	Perforation	Auto release
Copolymer	P	YES

Bleeder PES200 :

Raw material	Color	Weight	Aspect
Polyester	White	200 gr/m ²	Non-woven

VACUOPEEL PA64-PES200 :

Colour	Thick.	Weight	Temp maxi	Width	Length
White	+/- 6mm	334 g/m ²	150°C	1,50 m	50 m

Air porosity	100Pa	200Pa
VACUOPEEL PA64 PES200	2.22 l/m ² /s	3.60 l/m ² /s
3 components applied manually	3.18 l/m ² /s	5.21 l/m ² /s