

# PES90 MP

## Micro Porous Technical Peel Ply



Vacuum  
moulding

### DESCRIPTION

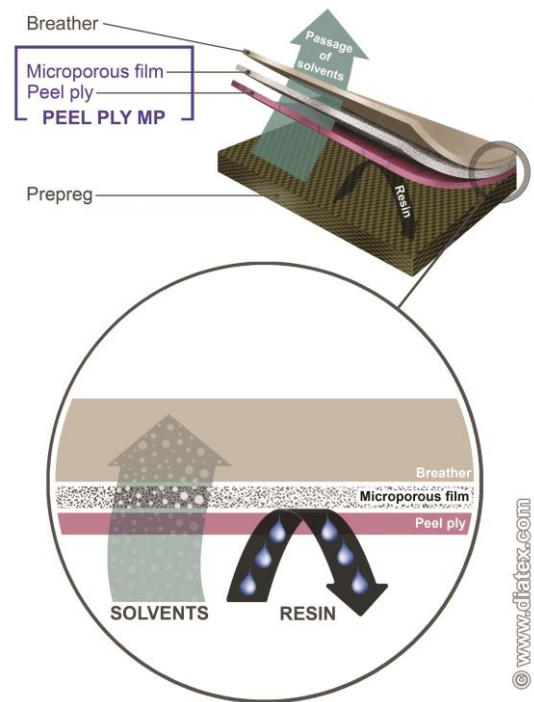
**PES90 MP** is a high tenacity polyester micro-porous peel ply designed to be used on epoxy phenolic and polyester composite systems. **PES90 MP** is a micro porous multilayer system used in manufacturing processes for vacuum moulding of composite materials with techniques such as prepreg, wet lay-up, and thermoplastic.

- multilayer system
- all in one
- micro porous
- eco- design

**PES90 MP** is a “smart Micro Porous complex” which gives many benefits to the end-users: save time, improve the composites quality, purchase one product instead of 2, lay one product instead of 2.

A micro porous film, full of tiny pores (1 $\mu$  to 5 $\mu$ ), is bonded on the peel ply surface: under vacuum the liquid (resin) cannot pass through the film, only volatiles (gases...) can.

The fabric leaves a rough surface impression for priming and secondary bonding. There is no release agent or silicone in the fabric, hence no contamination on the composite.



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### STORAGE

Store this fabric at room temperature and normal hygrometry.

### CHARACTERISTICS

Raw fabric	Color	Thickness	Weight	Use with Phenolic	Treatment	Max service temp.	Packaging
Polyester + film MP	White+orange & green tracers	180 $\mu$	130 g/m <sup>2</sup>	YES	De-oiled Heat Set	180 °C	Roll

Weave	Extractable Materials	Standard Length	Standard Width	Tape	Elongation at Break		Tensile Strength	
					Warp	Weft	Warp	Weft
Taffeta	< 0,1 %	50 m	1,50 m	13 to 1500 mm	25 %	27 %	138 daN/5cm	100 daN/5cm

Manufacturer: DIATEX (Made in France)

Indice C Application date october 2012

