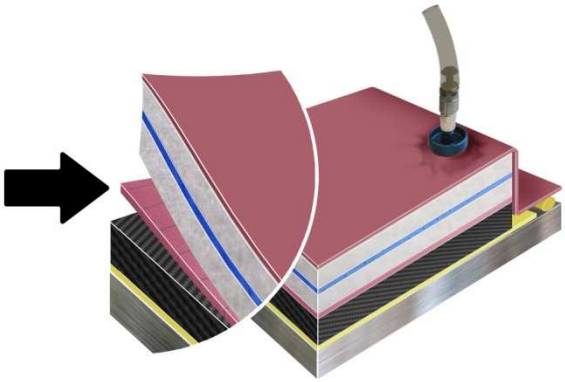
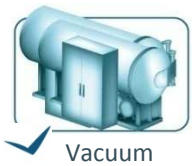


PA100ST MP

Micro Porous Technical Peel Ply

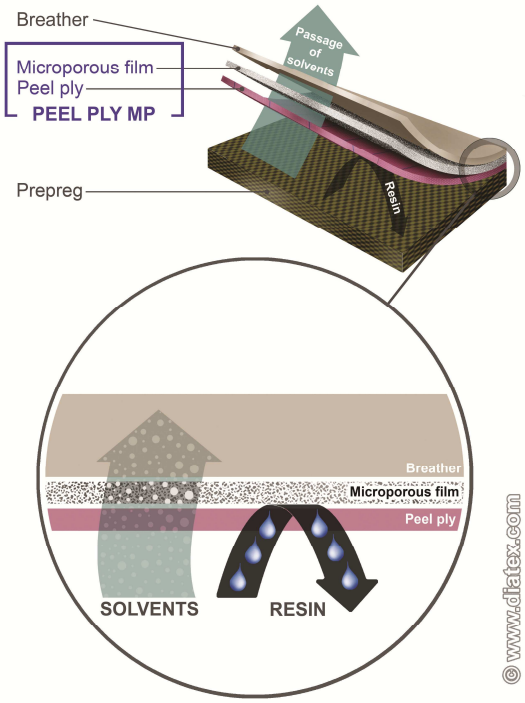


Vacuum moulding

DESCRIPTION

PA100ST MP is a micro porous multilayer system used in manufacturing processes for vacuum moulding of composite materials with technologies such as prepreg, wet lay-up, and thermoplastic.

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



PA100ST MP is a high tenacity nylon micro-porous peel ply designed to be used on epoxy and polyester composite systems. **PA100ST MP** is a "smart Micro Porous complex" which gives many benefits to the producers: save time, improve the composites quality, one product to buy instead of 2, one product to apply instead of 2. A Micro Porous film, full of tiny pores (1µ to 5µ), is bonded on the peel ply surface: Under vacuum the liquid (resin), can't pass through the film, excepted the gases.

The fabric leaves a rough surface impression for priming and secondary bonding. There is no release agent or silicon in the fabric: There is no contamination on your composites. **PA100ST MP** is not recommended for phenolic systems: use the polyester version **PES90 MP**.

STORAGE

Keep this fabric at room temperature and normal hygrometry.

CHARACTERISTICS

Raw fabric	Color	Thickness	Weight	Use with Phenolic	Treatment	Max service temp.	Packaging
Polyamide +film MP	White+pink	245 µ	144 g/m²	NO	De-oil 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	28 %	30 %	165 daN/5cm	187 daN/5cm

Manufacturer: DIATEX (Made in France)

Indice C Application date october 2012