



# PASTING PAPER

Pasting paper is an all-glass microfiber product used to support wet lead paste in the manufacturing process. Unlike cellulose pasting paper used in flooded lead-acid batteries, pasting paper is chemically stable in an acid environment. It will not decompose or contribute to gassing within the VRLA battery

Admiral has produced two types of pasting paper

1. Paper Type is made of 100% pulp. This paper should be dissolved in the sulfuric acid. This pasting paper is using in MF Battery manufacturing process normally. (Model No. PU330, PU3180, PU650)
2. Non Woven Type is made of pulp and PET. This type only dissolved pulp in the sulfuric acid, PET remains like a net. This type is using in EF Battery manufacturing process. (Model No. PP3100)

## Pasting Paper Properties

Property	Unit	PU330	PU3180	PU650	PP3100
Weight	g/m <sup>2</sup>	13±2	13±2	16±2	23±3
Thickness	μm	28±5	35±5	35±5	70±5
Tensile Strength (MD)	N/15mm	10.0↑	6.0↑	10.0↑	10.0↑
Wet Tensile Strength (MD)	N/15mm	2.0↑	2.0↑	2.0↑	2.0↑
Air Permeability	ml/min/cm <sup>2</sup>	3000 ↑	18000 ↑	5000 ↑	10000 ↑

## Purity

Purity	Fe	Zn	Mg	Mn	Cu	Cl
PPM	< 100	< 50	< 100	< 20	< 10	< 100