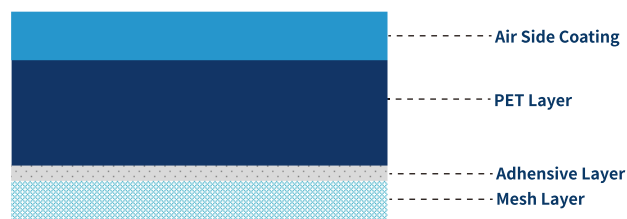
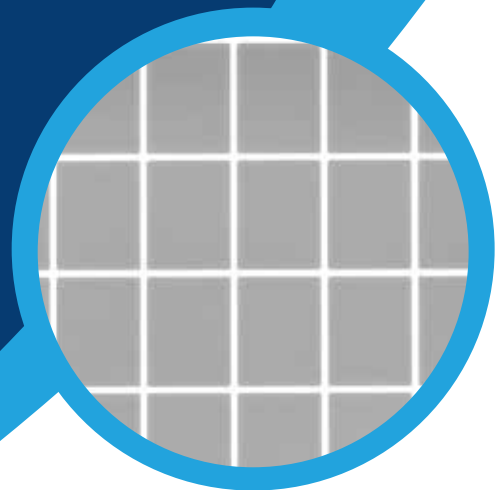


# BPF-803M

## PHOTOVOLTAIC BACK SHEET

Double-sided clear coating , reinforced PET structure , and printed special mesh .Photovoltaic Back Sheet materials Which protect the cells .



### Technical Properties

Performance Indicators	Unit	Test Method	BPF-803M	
Total Thickness	μm	/	318±5%	
Structure	/	/	Coating/PET/Coating+Mesh	
Colour	/	/	Transparent + White/Black	
Fluorine Content	/	/	Fluoropolymer Coating	
Tensile Strength	MD	N/mm <sup>2</sup>	GB/T 13542.2-2021	≥120
	TD	N/mm <sup>2</sup>	GB/T 13542.2-2021	≥120
Elongation At Break	MD	%	GB/T 13542.2-2021	≥100
	TD	%	GB/T 13542.2-2021	≥100
Heat Shrinkage Rate	MD	%	GB/T 13542.2-2021	≤1.0
	TD	%	GB/T 13542.2-2021	≤1.0
Coating Adhesion (grade)	grade	GB/T 9286-2021	grade 0	
Bond Strength With EVA (initial)	N/10mm	GB/T 2790-1995	Coating≥60 Mesh≥60	
Breakdown Voltage	kV	GB/T 1408.1-2016	≥20	
Maximum System Voltage	V	GB/T 16935.1-2008	1500	
WUTR	g/m <sup>2</sup> ·d	GB/T 26253-2010	≤2.0	
Reflectivity	%	ASTM-E424-71	White≥85	
Transmittance	%	ASTM-E424-71	≥88	
Hygrothermal Aging Resistance Test	85°C*85%RH, 2000h	GB/T 2423-2016	No stratification, no bubbles, Δb≤2	
Boiling Water Treatment	Visual Inspection	/	GB/T 31034-2014	No stratification, no foaming, no folding, no shedding, no pulverization
	Coating Adhesion	grade	GB/T 9286-2021	Grade 0

The technical parameters in Betterial product manual are for reference only. Technical specifications are subject to change without any prior notice.

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