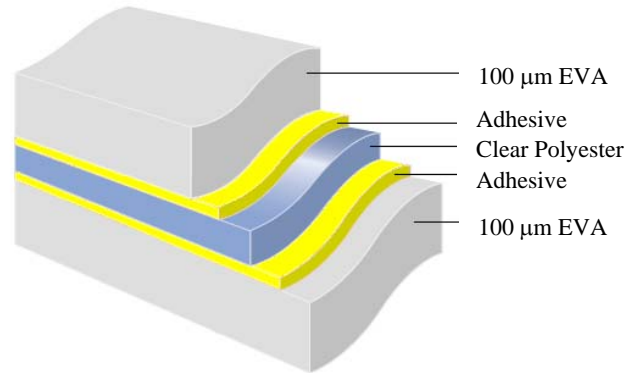




PhotoMark® EPE PV Bus Wire Insulation Films

Stop wasting your expensive backsheets! Using backsheet to separate module bus wire is costly and prone to poor adhesion. Tomark Industries developed EPE bus wire insulation almost two decades ago and it has proven to be the most reliable and cost effective way to handle bus wire insulation.

We offer two levels of dielectric performance with 50µm and 125µm PET layers as protection options.



Material Composition	EPE – P2	EPE – P5
Thickness, µm	270	335
Weight, g/m²	290	385
Density	1.10	1.15
Colors (front/back)	white/white black/black clear/clear custom combinations available upon request	
Width Range	25mm to 1500mm	
Roll Length	150m to 600m depending upon product thickness and customer specifications	

Typical Properties	EPE – P2	EPE – P5
Tensile Strength at Break (MD/TD), MPa	36/42	64/72
Elongation at Break (MD/TD), %	130/66	72/54
Dimensional Stability (MD/TD), %	0.8/1.3	1.3/1.5
EVA Peel Strength to EVA encapsulant, N/cm	> 70	> 70
Interlayer Adhesion EVA-PET, g/inch	1,770	1,770
Partial Discharge, VDC	> 1,000	> 1,000