

Overview

Tomark-Worthen has capitalized on its two decade history in PV innovation to create this breakthrough product. Based on known materials that have excellent track records in outdoor applications that also provide excellent laminator qualities, PhotoMark® Reflections™ will certainly help make your panel more reliable and competitive.

Performance Features

What's better than a durable backsheet with no PET or Fluoropolymers? How about a durable backsheet with no interlayer adhesives? That's right – Tomark-Worthen has created a revolutionary new backsheet based on a proprietary polyamide alloy that is weatherable, dimensionally stable and cost effective - and it does not contain any Fluoropolymer or PET layers and does not use any adhesives! Our backsheet is not susceptible to hydrolysis or UV degradation.

Typical Properties

1000 V

Thickness, ± 10%	255
EVA Peel Strength, N/cm	> 40
Weight, g/m² ± 10%	270
Partial Discharge VDC	> 1,000
Shrinkage after 30 min at 150C, (MD/TD)	0.20% / 0.20%
Tensile Strength, MPa (MD/TD)	27.4 / 24.8
Modulus, MPa	327 / 261
Elongation, %	595 / 563
Dielectric, KV DC	33.8
Comparative Testing Index, V	600
RTI, °C	130 °C
MVTR, g/m²/day	2.4
Volume Resistivity, Ω/mm³	4.1 x 10 ¹²
Reflectivity, %	TBD
Colors (front/back)	White/White, Black/Black
Roll Sizes	50cm-140cm, 150m to 600m

PhotoMark® Reflections™

QUALITY



ISO Certified, field tested, high quality

PRODUCT PERFORMANCE



Excellent toughness, great durability and reliability

CUSTOMER SERVICE

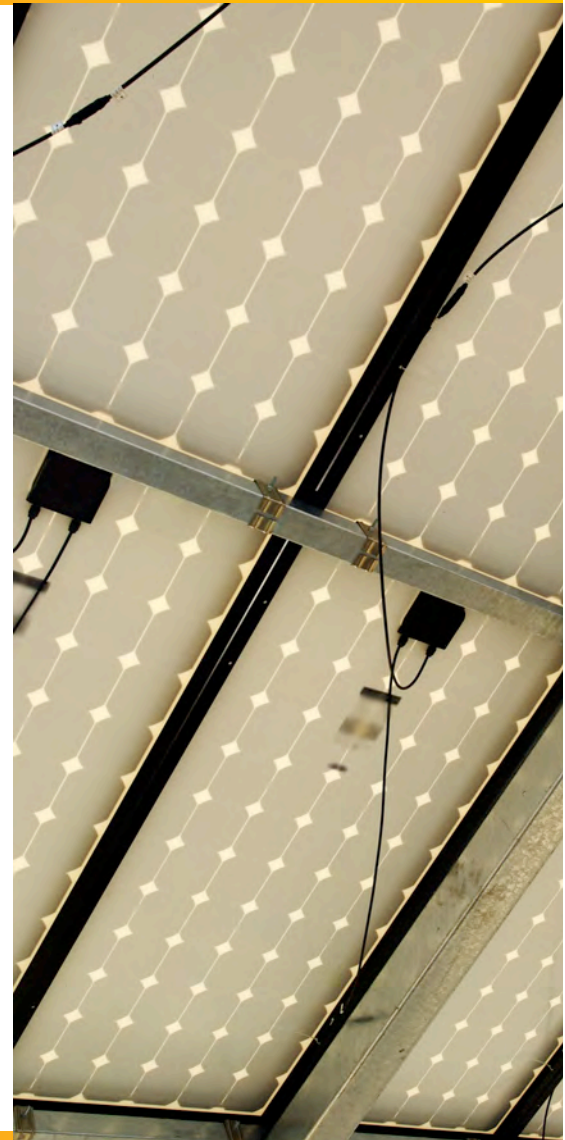


Rapid response, technical support, happy customers

YOUR PARTNER



Tomark-Worthen has vast experience and can make customized products to fit your needs



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