

PolyGreen™ Perforated Vent Tape Technical Data Sheet

Description and Applications

PolyGreen™ Perforated Vent Tape is a specialized sealing tape designed for multiwall polycarbonate sheets to protect the open flutes allowing ventilation. The tape features a durable nonwoven backing with precision micro-perforations that enables controlled air exchange – preventing condensation, dust and insect ingress while allowing internal moisture to escape.

A high tack natural rubber adhesive ensures strong, long-term adhesion to polycarbonate, acrylic and other plastic substrates without causing stress cracking or surface degradation. The tape provides reliable performance under varying temperature and humidity conditions, maintain adhesion and breathability throughout the service life of the sheet. Ideal for use on sheet edges and end profiles, PolyGreen™ Perforated Vent Tape helps maintain panel cleanliness and overall system longevity.

Available from widths of 28mm, 38mm, 50mm and 70mm.

Typical Property Values

Property	Test Method	Units	Value
Physical			
Adhesive Type			Natural Rubber
Overall Thickness	GB/T 7125-2014	Mm	0.23
Initial Tack (Rolling Ball Method)	GB/T 4852-2002	N/25mm	≥ 10
Peel Adhesion @ 180°	GB/T 2792-2014	N/25mm	> 13
Tensile Strength	GB/T 30776-2014	N/25mm	≥ 14
Elongation at Break	GB/T 30776-2014	%	≥ 70
Static Shear Adhesion (Holding Power)	GB/T 4851-2014	H	≥ 48

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These are typical properties and are not intended for specifications purposes. If minimum certifiable properties are required, please contact your local sales representative. Reported values are based on 38mm width tape unless otherwise noted.

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