

VWFAYP Series - Butyl Vapor Barrier Tape (Internal)

Advanced self-adhesive vapor barrier tape tailored for the interior side of high-performance and super-low energy buildings. It provides a high vapor-resistance layer on the interior side, helping prevent indoor moisture vapor from diffusing into the wall cavity.

By ensuring maximum airtightness around window and door frames, it significantly reduces thermal bridging and energy loss, maintaining strict internal climate control.

Typical Application Styles: European low-energy window installation



Model	Specification (Width x Length), m	Package (Roll/Ctn)
VWFAYP-10023	0.10 x 23	6
VWFAYP-12023	0.12 x 23	5
VWFAYP-15023	0.15 x 23	4
VWFAYP-20023	0.20 x 23	3

Technical Specifications			
Test Item	Standard / Method	Condition / Requirement	Test Result
Material	-	-	Butyl
Thickness	GB/T 328.5-2007 (Ref. ASTM D3652)	Mechanical measurement, (23±2)°C	0.69 mm
Basis Weight	GB/T 328.5-2007	-	558 g/m²
Tensile Strength	GB 23441-2009 (Ref. EN 12311-2)	(23±2)°C, 100 mm/min	MD: 296 N/50 mm; CD: 235 N/50 mm
Elongation at Maximum Tensile Force	GB 23441-2009 (Ref. EN 12311-2)	(23±2)°C, 100 mm/min	MD: 59%; CD: 82%
180° Peel Adhesion	JC/T 942-2004	Housewrap, (23±2)°C, 100 mm/min	0.85 N/mm
180° Peel Adhesion	JC/T 942-2004	OSB / Board, (23±2)°C, 50 mm/min	0.80 N/mm
180° Peel Adhesion	JC/T 942-2004	Aluminum plate, (23±2)°C, 50 mm/min	0.90 N/mm
180° Peel Adhesion	JC/T 942-2004	Cement board, (23±2)°C, 50 mm/min	0.86 N/mm
Water Vapor Resistance / Sd Value	GB/T 17146-2015 (Ref. EN 1931)	Test C	Sd ≥ 272 m
Water Resistance	GB/T 328.10-2007	1000 mm water column, 2 h	No leakage
Plaster Surface Adhesion	GB/T 35467-2017	(23±2)°C, 100 mm/min	0.70 N/mm