

VWFHYP Series - Butyl Vapor Permeable Tape (External)

Premium self-adhesive vapor permeable tape designed for exterior applications on ultra-low energy building envelopes. Applied to the outside of windows and doors, it acts as an effective weather-resistive barrier that blocks liquid water ingress while simultaneously allowing trapped moisture vapor to escape from the wall cavity.

This intelligent moisture management promotes a dry, healthy, and highly durable structural assembly.

Typical Application Styles: European low-energy window installation



Model	Specification (Width x Length), m	Package (Roll/Ctn)
VWFHYP-10023	0.10 x 23	6
VWFHYP-12023	0.12 x 23	5
VWFHYP-15023	0.15 x 23	4
VWFHYP-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	0.73 mm
Basis Weight	GB/T 328.5-2007	-	481 g/m²
Tensile Strength	GB 23441-2009 (Ref. EN 12311-2)	(23±2)°C, 100 mm/min	MD: 280 N/50 mm; CD: 246 N/50 mm
Elongation at Maximum Tensile Force	GB 23441-2009 (Ref. EN 12311-2)	(23±2)°C, 100 mm/min	MD: 61%; CD: 72%
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	0.82 N/mm
180° Peel Adhesion	JC/T 942-2004	Aluminum plate, (23±2)°C, 50 mm/min	0.82 N/mm
180° Peel Adhesion	JC/T 942-2004	Cement board, (23±2)°C, 50 mm/min	0.80 N/mm
Water Vapor Resistance / Sd Value	GB/T 17146-2015 (Ref. EN 1931)	Test C	Sd ≤ 0.13 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	0.90 N/mm