

SHANGHAI VANTELL INDUSTRY DEVELOPMENT CO., LTD.

Product Data Sheet

High-Performance Building Envelope Sealing Tapes

Window & Door Opening Sealing System

VWFAXW Series - Window Sealing Tape

High-performance sealing tape specifically engineered for the exterior perimeter of doors and windows within the building envelope. It provides robust waterproofing and airtightness, effectively preventing moisture intrusion and air leakage around rough openings.

Its excellent conformability makes it perfect for sealing complex gaps, ensuring a continuous and durable weather barrier against harsh environmental conditions.

Typical Application Styles: North American Window flashing



Model	Specification (Width x Length), m	Package (Roll/Ctn)
VWFAXW-10023	0.10 x 23	6
VWFAXW-15023	0.15 x 23	4
VWFAXW-22523	0.225 x 23	3
VWFAXW-30023	0.30 x 23	2

Technical Specifications			
Test Item	Standard / Method	Condition / Requirement	Test Result
Material	-	-	Butyl self-adhering flashing tape
Nominal Thickness	AAMA 711 / ASTM D3759	Mechanical measurement	0.55 mm
Breaking Strength	AAMA 711 / ASTM D3759	Minimum requirement: 1.00 kN/m	2.75 kN/m; Pass
Elongation at Break	AAMA 711 / ASTM D3759	Report value	520%
Water Penetration Around Fasteners	AAMA 711, Section 5.2	OSB substrate; low-temperature conditioning	No water leakage observed; Pass
Water Penetration Around Fasteners After Thermal Cycling	AAMA 711, Section 5.2	10 cycles from 50°C to -40°C	No water leakage observed; Pass
90° Peel Adhesion to OSB	AAMA 711 / ASTM D3330 Method F	23°C and 50% RH; minimum requirement: 0.26 N/mm	0.60 N/mm; Pass
90° Peel Adhesion to Anodized Aluminum	AAMA 711 / ASTM D3330 Method F	23°C and 50% RH; minimum requirement: 0.26 N/mm	2.05 N/mm; Pass
90° Peel Adhesion to Vinyl	AAMA 711 / ASTM D3330 Method F	23°C and 50% RH; minimum requirement: 0.26 N/mm	1.20 N/mm; Pass
90° Peel Adhesion to Exterior Gypsum	AAMA 711 / ASTM D3330 Method F	23°C and 50% RH; minimum requirement: 0.26 N/mm	1.05 N/mm; Pass
90° Peel Adhesion to Plywood	AAMA 711 / ASTM D3330 Method F	23°C and 50% RH; minimum requirement: 0.26 N/mm	1.00 N/mm; Pass
90° Peel Adhesion to Itself	AAMA 711 / ASTM D3330 Method F	23°C and 50% RH; minimum requirement: 0.26 N/mm	1.85 N/mm; Pass
Peel Adhesion After UV Exposure	AAMA 711 / ASTM G154 / ASTM D3330 Method F	336 hours accelerated UV exposure; minimum requirement: 0.26 N/mm	2.00 N/mm; no visible tape change; Pass
Peel Adhesion After Elevated Temperature Exposure	AAMA 711 / ASTM D3330 Method F	50°C, 65°C, and 80°C exposure; minimum requirement: 0.26 N/mm	50°C: 1.85 N/mm; 65°C: 1.75 N/mm; 80°C: 1.80 N/mm; Pass
Peel Adhesion After Thermal Cycling	AAMA 711 / ASTM D3330 Method F	10 cycles from 50°C to -40°C; minimum requirement: 0.26 N/mm	2.05 N/mm; no visible tape change; Pass
Cold Temperature Pliability	AAMA 711 / ASTM C765	-18°C	No cracking or loss of adhesion; Pass
Peel Adhesion After Water Immersion	AAMA 711 / ASTM D3330 Method F	7 days water immersion; minimum requirement: 0.26 N/mm	1.70 N/mm; no visible change; Pass
Peeling Resistance	AAMA 711, Section 5.9 and Annex A	50°C, 65°C, and 80°C exposure	No peeling, buckling, rippling, edge curl, or corner curl observed
AAMA 711 Classification	AAMA 711	Self-adhering flashing, Type A product	Meets Level 1, Level 2, and Level 3 performance requirements