

ZH-TR-05-2026-EN · THIRD-PARTY TEST REPORT

Refined Wax Anti-Corrosion Tape

Report J25C12220188BR · Shenzhen Jinglian Testing Co., Ltd.

ENGLISH TRANSLATION FOR REFERENCE

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ENGLISH TRANSLATION FOR REFERENCE – NOT A LABORATORY-ISSUED DOCUMENT

Report identification

Field	Content
Report number	J25C12220188BR
Sample name as submitted	Refined Wax Anti-Corrosion Tape /
Model / specification stated in the report	/
Client (entrusting party)	Nanjing Zhuohuang Industrial Technology Co., Ltd.
Manufacturer	Nanjing Zhuohuang Industrial Technology Co., Ltd.
Testing laboratory	Shenzhen Jinglian Testing Co., Ltd.
Laboratory accreditation	CMA 202219016678 · CNAS L18543 · ILAC-MRA
Sample quantity	1 pc
Sample received	26 December 2024
Test period	26 December 2024 – 3 January 2025
Date of issue	3 January 2025
Test basis	Client-specified technical requirements (ASTM / AWWA method set)
Inspection type	Entrusted inspection
Conclusion	All tested items assessed as Pass.

Test results

Test item	Unit	Requirement	Result	Test method
Thickness	mm	2 mm	2 mm	—
Dielectric strength	V/mil	≥ 170	Complies	ASTM D149
Breaking strength	N/m	≥ 3 940	Complies	ASTM D1000
Elongation at break	%	≥ 6	8	ASTM D1000
Flash point	°C	≥ 150	160	ASTM D92
Water vapour permeability	perms	≤ 0.25	Complies	ASTM E96
Petrolatum or petroleum wax content	%	≥ 80	90	AWWA C217
Drip temperature	°C	≥ 60	75	ASTM D127
Penetration (25 °C, 100 g, 5 s)	mm	6.1–12.7	Complies	ASTM D937
Water absorption	%	< 5	3	ASTM D570
Water resistance (38 °C, 24 h)	/	No visible change of colour, blistering or gloss	Complies	ASTM D870

Test item	Unit	Requirement	Result	Test method
Burning rate	mm/min	0	Complies	ASTM D635-10
Salt spray	h	> 3 000	Complies	ASTM B117
Ultraviolet resistance	h	> 3 000	Complies	ASTM B154 *
Chemical resistance	h	> 3 000	Complies	ASTM G20

* Standard number reproduced exactly as printed in the original Chinese report.

RELATIONSHIP TO THE PRODUCT RANGE

Report issued on: Microcrystalline Wax Anti-Corrosion Tape

A test report records the properties measured on the sample submitted. It is a test result, not a system certification, and it does not qualify a complete installed system unless the report itself states that an installed system specimen was tested.

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Nanjing Zhuohuang Industrial Technology Co., Ltd.
Registered address: Building 201-10, Hengli Park, No. 399 Xiongzhou
South Road, Liuhe District, Nanjing 211599, Jiangsu, China

info@zhuohuangglobal.com · www.zhuohuangglobal.com
WhatsApp +86 183 5198 9892