

ZH-TR-08-2026-EN · THIRD-PARTY TEST REPORT

UV-Resistant Sealing Anti-Corrosion Tape (Aluminium Foil Outer Wrap)

Report CBT30406071071 · Guangdong Baotong Quality Testing Co., Ltd. (CBT)

ENGLISH TRANSLATION FOR REFERENCE

This document is an English transcription prepared by Nanjing Zhuohuang Industrial Technology Co., Ltd. from the original Chinese test report. It is not a certificate issued by the testing laboratory and it is not a laboratory-issued English report. The original Chinese report, with laboratory stamps and authorised signatures, is the only valid document and is supplied in full on request.

ENGLISH TRANSLATION FOR REFERENCE – NOT A LABORATORY-ISSUED DOCUMENT

Report identification

Field	Content
Report number	CBT30406071071
Sample name as submitted	UV-Resistant Sealing Anti-Corrosion Tape (Aluminium Foil Outer Wrap) /
Model / specification stated in the report	LW109B
Client (entrusting party)	Nanjing Zhuohuang Industrial Technology Co., Ltd.
Manufacturer	Nanjing Zhuohuang Industrial Technology Co., Ltd.
Testing laboratory	Guangdong Baotong Quality Testing Co., Ltd. (CBT)
Laboratory accreditation	Accredited testing laboratory
Sample quantity	1 pc
Sample received	10 November 2025
Test period	10 November 2025 – 30 March 2026
Date of issue	30 March 2026
Test basis	SY/T 0414-2017 Technical standard for polyethylene tape coatings of steel pipelines; JC/T 942-2004 Butyl rubber waterproof sealing tape
Inspection type	Entrusted inspection
Conclusion	All tested items comply with the requirements of the test basis. Overall result: Pass.

Test results

Test item	Unit	Requirement	Result	Test method
Colour	/	Silver	Silver	Visual
Backing thickness	mm	≥ 0.07	0.07	GB/T 6672-2001
Total thickness	mm	≥ 1.0	1.05	GB/T 6672-2001
Backing tensile strength	MPa	≥ 60	62	GB/T 1040.3-2006
Backing elongation	%	≥ 10	21	GB/T 1040.3-2006
Water absorption	%	≤ 0.35	0.2	SY/T 0414-2017 Annex B
Peel strength to backing, 23 °C	N/cm	≥ 25	30	GB/T 2792-2014
Peel strength to primed steel, 23 °C	N/cm	≥ 30	35	GB/T 2792-2014
Water vapour transmission	mg/cm ² ·24 h	≤ 0.24	0.166	GB/T 1037

Test item	Unit	Requirement	Result	Test method
Neutral salt spray (3 000 h)	/	Rust grade A, rust degree 0 %	Rust grade A, rust degree 0 %	GB/T 10125
Ultraviolet ageing (3 000 h)	/	No abnormality	No abnormality	GB/T 14522-2008

RELATIONSHIP TO THE PRODUCT RANGE

Report issued on: Aluminium Foil Outer Wrap 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.

LABORATORY CONDITIONS OF ISSUE

- A report is invalid without the laboratory's inspection seal or company seal in the designated position.
- The report may not be partially reproduced without permission; a copy without a re-applied red inspection seal is invalid.
- A report without the signatures of the chief examiner, reviewer and approver is invalid; an altered report is invalid.
- Results are valid only for the sample submitted to the laboratory.

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