

ZH-TR-07-2026-EN · THIRD-PARTY TEST REPORT

PP Anti-Corrosion Tape and Primer

Report CTG2410221378A_SR176AC · Shenzhen Third-Party Testing Technology Co., Ltd. (CTG)

ENGLISH TRANSLATION FOR REFERENCE

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ENGLISH TRANSLATION FOR REFERENCE – NOT A LABORATORY-ISSUED DOCUMENT

Report identification

Field	Content
Report number	CTG2410221378A_SR176AC
Sample name as submitted	PP Anti-Corrosion Tape and Primer /
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 Third-Party Testing Technology Co., Ltd. (CTG)
Laboratory accreditation	CMA / CNAS accredited laboratory
Sample quantity	Tape 1 roll; backing 1 roll; primer 500 mL
Sample received	11 September 2024
Test period	11 September 2024 – 11 October 2024
Date of issue	11 October 2024
Test basis	GB/T 6672-2001, GB/T 1040.3-2006, GB/T 1408.1-2016, GB/T 1037-1988, GB/T 1725-2007, SY/T 0414-2017
Inspection type	Entrusted inspection
Conclusion	All tested items assessed as Pass.

Test results

Test item	Unit	Requirement	Result	Test method
Backing thickness	mm	/	0.32	GB/T 6672-2001
Total thickness	mm	/	1.13	GB/T 6672-2001
Backing tensile strength	MPa	≥ 60	77.6	GB/T 1040.3-2006
Peel strength to backing, 23 °C	N/cm	≥ 25	46.4	GB/T 2792-2014 (180°)
Peel strength to primed steel, 23 °C	N/cm	≥ 30	42.8	GB/T 2792-2014 (180°)
Water absorption	%	≤ 0.35	0.34	SY/T 0414-2017 Annex B
Volume resistivity	Ω·m	≥ 1 × 10 ¹²	1.3 × 10 ¹³	GB/T 31838.2-2019
Electric strength	kV/mm	≥ 15	16.4	GB/T 1408.1-2016
Water vapour permeability	mg/(24 h·cm²)	≤ 0.45	0.082	GB/T 1037-1988

Primer performance

Test item	Unit	Requirement	Result	Test method
Non-volatile content	%	≥ 15	31.1	GB/T 1725-2007
Surface drying time, 23 °C	min	≤ 5	3	GB/T 1728-1979 (1989)
Viscosity (flow cup No. 4), 23 °C	s	10-30	16	GB/T 1723-1993

RELATIONSHIP TO THE PRODUCT RANGE

Report issued on: PP Fibre-Reinforced 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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