

TEST REPORT

Model	XE-500-316
Manufacture by	AQUA
Test Category	Hydrostatic Pressure & Compliance Testing

DIRECTIONS

Product: Stainless steel Filter

Place of Testing: Aqua Quality Control Center

TEST RESULTS

Inspection Item	Requirement	Result
Finished Filter Pressure Test	Finished filters pressure tested at 4 Bar.	PASS
Pressure Inspection	Inspect filter lid, flange and drain locations using foam water; no leakage permitted.	PASS
Pressure Hold Test	Maintain 4 Bar pressure for 15 minutes; inspect lid, flange and drain locations.	PASS
Tank Integrity Inspection	No leakage, bubbles, deformation or pressure loss after 15 minutes.	PASS
Outlook Inspection	No heat marks, deformation, scratches, black spots; label properly fixed.	PASS
Assembly Inner System	Piping, laterals, screws, T-junction, diffuser and support frame correctly installed.	PASS
Packing Inspection	Bubble wrapped, pallet fixed, rope secured and packing instruction followed.	PASS

MECHANICAL PROPERTIES

Property	Result	Unit	Specification
Yield Strength	225	MPa	≥ 200
Tensile Strength	555	MPa	≥ 500
Hardness	160	HV	≤ 200

Conclusion: Model XE-500-316 (Stainless steel Filter) was inspected and tested in accordance with Aqua quality control procedures and found compliant for swimming pool filtration application.

TEST RESULTS

Visual Inspection: PASS

Pressure Test (4 bar): PASS

Corrosion Test: PASS

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Authorized Signature and Company Stamp