

Process trial report: paint removal

TRIAL NUMBER CT-2026-001	DATE 9 June 2026	CUSTOMER Paint manufacturer	RESULT Pass: full removal
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Trial type: process proof. The result is judged by visual inspection; no laboratory analysis is needed for this application.

1. AIM

Remove water-based low-sheen interior paint from 304 stainless steel ball valves fitted with sieves (gauze). Paint builds up on the sieves in production and has to be cleaned off.

2. PROCESS AND RESULTS

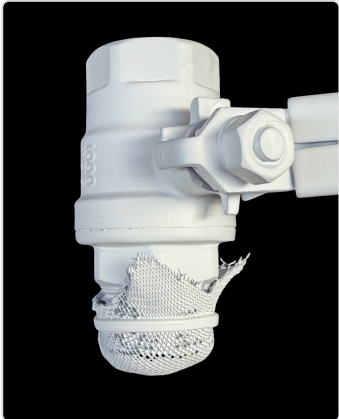
Batch	Paint cure time	Solution	Temperature	Cycle time	Rinse	Dry	Result
1	14 hours	Brulin AquaVantage 815QR-NF	45 °C	30 min	Low-pressure warm water	Air dry	Pass: full removal
2	45 minutes	Brulin AquaVantage 815QR-NF	45 °C	30 min	Low-pressure warm water	Air dry	Pass: full removal

Both batches came out with the paint fully removed from the valve bodies and the sieve mesh, at 45 °C.

3. BATCH 1: PAINT CURED 14 HOURS



Before



Before



Before



Before



After



After

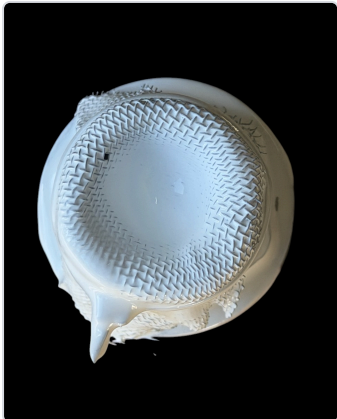


After



After

4. BATCH 2: PAINT CURED 45 MINUTES



Before



Before



Before



Before



After



After



After



After

Customer name and paint brand withheld.