



Technical Data Sheet

AEROWAX™ MT Wax Maskant

Product Description

AEROWAX MT Wax Maskant is a highly refined plating wax with a melting point range of 168-180°F (76-82°C). It is selected when a wax with excellent flexibility and adhesion, substrate compatibility and prevention of undercutting is required. AEROWAX MT effectively masks both simple and complex geometries and is suitable for hard chrome, nickel sulfamate and other selective plating applications.

AEROWAX MT is designed to be easily removed using Vantage's **BIOACT® 280 Series**, a group of water-rinsable, bio-based dewaxing solvents. Designed to operate in heated immersion equipment, this series exhibits excellent wax loading properties (up to 40%), very low volatility and are suitable replacements for trichloroethylene (TCE), methylene chloride (MeCl), caustic cleaners, petroleum-derived solvents and hot oils.

AEROWAX MT is safe for use on ferrous and non-ferrous alloys such as untreated aluminum, alodined and anodized aluminum, copper and copper alloys, titanium, magnesium and steels.

Features and Benefits

- Excellent flexibility & adhesion
- Prevents undercutting
- Substrate compatibility
- Resistant to plating chemistries
- Aerospace tested
- High temperature stability
- Long bath life

Properties

Form	Slabs
Melting Point Range	168-180°F (76-82°C)
Needle Penetration (25 °C)	~25 dmm
Viscosity (100 °C)	14-20 mm ² /s

Process

Two (2) Tank Operation (Apply a minimum of two coats of wax)

1. For good adhesion, heat the 1st tank to 225 °F ± 15 °F (107 °C ± 9 °C).
2. Immerse a clean dry part in the wax bath until it reaches the temperature of the wax bath. Remove and cool slightly.
3. For subsequent coatings, heat the 2nd tank to ~190 °F (88 °C).
4. Dip part in bath and withdraw quickly, allowing to cool slightly.
5. Repeat until part has desired wax coating thickness.

1 Tank Operation (Apply a minimum of two coats of wax)

1. Heat the tank to 200 °F ± 10 °F (93 °C ± 5 °C).
2. Immerse a clean dry part in the wax bath until it reaches the temperature of the wax bath. Remove part and cool slightly.
3. For subsequent coatings, dip part in the same tank and withdraw quickly. Allow to cool slightly.
4. Repeat until part has desired wax coating thickness.

Removal

Easily removed by Petroferm BIOACT® 280 series dewaxing agents.



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Approvals/Testing

Approvals

Pratt & Whitney PMC 9551 Masking Wax Compound

Testing

Pratt & Whitney PWA 36604 Revision D Stress Corrosion

Disposal/Safety

Disposal

Vantage recommends contacting your current or local environmental service company for proper disposal.

Safety

Please see Safety Data Sheet for further information.

Packaging

Available in 60 lb (27 kg) cartons containing 6 – 10 lb (4.5 kg) slabs.

Shelf Life

36 months when stored in original, sealed container above 50 °F (10 °C)



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