AERO-WIPE™
ONE WIPE IS ALL IT TAKES!

Aero-Wipe™ FKAW735A

TT-I-735 Grade A Isopropanol Precision Cleaning Wipe Kit

The Aero-Wipe FKAW735A Kit comprises a pair of black nitrile gloves and a 100% cotton wiper pre-saturated with TT-I-735A high-purity isopropyl alcohol (IPA). It is intended for the removal of soils and particulate matter in precision cleaning applications and is equally well suited to general cleaning tasks that require a high-quality evaporative solvent. Isopropanol is colorless with a characteristic alcohol odor.

Typical applications include the preparation of adhesives, formulation of rubbing compounds, disinfectants, cleaners and polishes; use as a dehydrating agent or de-icing fluid; and as a chemical intermediate in the manufacture of other materials. The Aero-Wipe is designed for manual application but, owing to the durability of the wipe, may also be re-wetted for additional coverage.

The FKAW735A Kit is recommended for cleaning prior to NDT inspection, packaging, final assembly of component parts, maintenance operations, general-purpose cleaning and degreasing, and surface preparation prior to bonding and painting. Aero-Wipe FKAW735A is safe for use on all surfaces.

FEATURES & BENEFITS	
Military & commercially approved solvent	No surface residue
99.8% purity	Excellent materials compatibility
Low toxicity profile	No special handling or containerization required

GENERAL PROPERTIES	
Odor	Mild alcohol
Flash Point	12 °C (54 °F)
Purity	99.8%
Water Content	< 0.10%
Specific Gravity	0.785–0.787 g/mL
Boiling Point	> 81.8 °C
Appearance	Clear, colorless
Refractive Index	1.3740
Auto-Ignition Temperature	425 °C
Heat Capacity	0.612 BTU·in / h·ft²·°F
Viscosity	3.4 cP

GENERAL EFFECTIVITY

The information herein is believed to be accurate. No warranty, express or implied, is given. Refer to the SDS for safety and handling guidance.

Wide range of non-polar soils	General dirt & grime
Light oils & greases	Adhesives & tape residue

COMPATIBILITY

No known harmful interactions with commercial equipment, surfaces or components.

Plastics & adhesives	Synthetic rubbers
Seals & packings	Plant fibers
PCB components	Natural rubbers

APPLICATION / CLEANING PROCESS

Manual Application	Open the Aero-Wipe Kit master envelope and remove the wipe pouch and glove pouch.
	Remove the gloves from their transparent zip-seal envelope and don both gloves.
	Open the chemical-resistant wipe envelope and remove the pre-saturated wipe.
	Unfold the wipe and apply to the target surface as required for the application.
	Discard used wipes and gloves in accordance with local waste-handling regulations.

ENVIRONMENTAL & REGULATORY

Ozone Depletion Potential (ODP)	Zero
Biodegradable	Yes
Density @ 25 °C	~786 g/L (0.786 g/mL)
Hazardous Air Pollutants (HAP)	None
SARA (Superfund Amendments & Reauthorization Act)	Not regulated
NESHAPs (National Emission Standards for Hazardous Air Pollutants)	Not regulated
Resource Conservation & Recovery Act (RCRA)	Not regulated

APPROVALS, TESTING & CONFORMITY

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Isopropanol TT-I-735 Grade A — General Approvals	Boeing HMS 11-1142 QPL
	Federal Specification TT-I-735 Grade A
	Airbus 11-010 CPN 599649
	MIL-STD-1330 Pre-Clean
	NASA Standard RPT-8070-001
Wipe Substrate Conformity	AMS 3819D, Class 2, Grade A, Form 1 — Asahi Kasei / Ozu Corporation (Bemcot C of C for A-100 product)
Wipe Approvals	Boeing BMS 15-5G, Class A
Glove Conformity	EN 374 (nitrile, black)

PACKAGING & SHELF LIFE

Aero-Wipe Kit Packaging	Aluminized vacuum-sealed master envelope
	Chemical-resistant vacuum-sealed wipe envelope
	Transparent zip-seal glove envelope
Shelf Life – Saturating Fluid	As printed on the reverse side of the master envelope
Shelf Life – Wipe Substrate	No expiration (when stored sealed under ambient conditions)
Shelf Life – Nitrile Gloves	No expiration (when stored sealed under ambient conditions)

DISPOSAL & SAFETY

Contact your local environmental services provider for proper disposal in accordance with applicable regulations. Refer to the product Safety Data Sheet (SDS) for full handling, storage, transport and disposal information.

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