

# IPS-Group Aerospace Program

## MEA



*"A progressive partner for your business."*

Date: 09.03.2021

Dear Aerospace Reader

IPS-Group A/S is a producer and master distributor of Aerospace consumables within surface treatment & preparation and critical cleaning with the capabilities of customization. Combining world-class expertise and future-focused technologies, we try to meet the specific needs of our high valued customers.

This program contains a substantial part of the IPS Aerospace product range, but it is not complete. IPS strives to continuously meet customer demands and therefore our product range is constantly changing and adapting to meet the high standards the global aerospace market is requesting.

Please bear in mind that many of the products in the program have multiple usages and it is therefore highly recommended that you contact one of our sales team representatives, who will guide and advise you according to the specific needs and challenges you are facing.

Contact IPS on telephone: +45 4913 2800 or send your request to [info@ips-group.dk](mailto:info@ips-group.dk)

You can also visit our homepage [www.ips-group.dk](http://www.ips-group.dk)

Further information can be provided upon request such as technical data sheets, safety data sheets, certificates, business cases and of course product samples.

**IPS-Group A/S** – a progressive partner for your business.

Kind regards



Claus Christian Hjorth-Madsen

*Managing Director*

**IPS-Group A/S**







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**DUPONT**  
**Tyvek**®

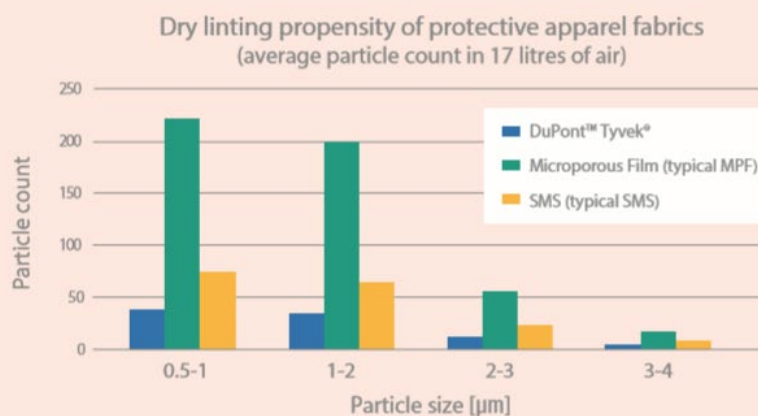












	ProShield® garments	Tyvek® garments				
Models	 ProShield® 60	 Tyvek® 200 EasySafe	 Tyvek® 400 Dual	 Tyvek® 500 Industry	 Tyvek® 500 Xpert	 Tyvek® 600 Plus
Water-based and powder-based paints	✓	✓	✓	✓	✓	✓
Solvent-based paints, paint preparation and tool cleaning						✓*
Benefits	<p>Best in class microporous film at a highly economical price</p> <ul style="list-style-type: none"> <li>• Good barrier against non-hazardous dry particles down to one micron size but Limited comfort: It is permeable to moisture vapour only and it is not air permeable</li> <li>• Limited mechanical resistance</li> <li>• Low protection when abraded</li> </ul>	<p>Great breathability and optimised protection for less demanding applications</p> <ul style="list-style-type: none"> <li>• Based on new optimised polyethylene nonwoven fabric</li> <li>• Softer and with a more open structure but less protective than Tyvek® 500 and Tyvek® 600</li> <li>• Stitched external seams in yellow for visual identification and differentiation</li> <li>• Antistatic treatment (EN 1149-1) on outside</li> </ul>	<p>Protection and durability where it's needed, improved breathability</p> <ul style="list-style-type: none"> <li>• Tyvek® protection where you need it most</li> <li>• Large breathable SMS back panel from head to ankle for increased comfort</li> <li>• External stitched seams for enhanced protection against penetration from the outside to the inside of the garment</li> </ul>	<p>Protection for workers, and their products, in sensitive industrial environments</p> <ul style="list-style-type: none"> <li>• Helps to protect processes and products against human contamination</li> <li>• Tyvek® zipper and zipper flap for increased wearer and process protection</li> <li>• Internal stitched seams for enhanced process protection</li> </ul>	<p>Setting a new standard of protection in the Type 5 and 6 category through greater protection and comfort</p> <ul style="list-style-type: none"> <li>• High liquid and particulate protection</li> <li>• Exceptional design and comfort</li> <li>• Good breathability thanks to air and moisture vapour permeability</li> <li>• Overall ergonomic shape for perfect fit and protection when moving</li> </ul>	<p>Combining Type 4 performance with the durability, protection and comfort of a Tyvek® garment</p> <ul style="list-style-type: none"> <li>• Combines performance of a Type 4 with the comfort of a nonwoven suit</li> <li>• Stitched and overlapped seams, offering equal barrier as fabric</li> <li>• Hood shape and elastic around hood are designed for a tight fit around full face respirator</li> <li>• Tunnelled elastics (cuff, ankles and face help to reduce the risk of contamination</li> </ul>

\* Tyvek® is not a barrier to solvents

Material tests carried out by an independent test laboratory in accordance with BS 6909 showed that Tyvek® sheds considerably fewer particles in comparison with other protective garment materials, e.g. SMS (Spunbond/ Meltblown/ Spunbond) used for ProShield® 20 or MPF (Microporous Film) used for ProShield® 60. This can significantly reduce the need for additional polishing work.



Method for generation and counting of the airborne linting propensity of fabrics in the dry state, BS 6909

Tyvek® 500 accessories				Tychem® 6000 F accessories			
							
Tyvek® 500 Boot cover	Tyvek® 500 Shoe cover	Tyvek® 500 Sleeve	Tyvek® 500 Hood	Tychem® 6000 F Boot cover	Tychem® 6000 F Sleeve	Tychem® 6000 F Apron	Tychem® 6000 F Gown
✓	✓	✓	✓				
				✓	✓	✓	✓
Specially designed for use with Tyvek® apparel.				Reinforcing Tyvek® protection where it counts. • robust yet lightweight protection against a broad range of organic and highly concentrated inorganic chemicals and substances.			
<ul style="list-style-type: none"> <li>• Knee-length overboot available in white and in one size</li> <li>• Elasticated top and fixation ties</li> <li>• Stitched internal seams</li> </ul>	<ul style="list-style-type: none"> <li>• Shoe cover available in white and in one size (38 cm long)</li> <li>• Elasticated ankle</li> <li>• Stitched internal seams</li> </ul>	<ul style="list-style-type: none"> <li>• 50 cm long sleeve available in white and in one size</li> <li>• Adjustable arm opening</li> <li>• Stitched internal seams</li> <li>• Upper-arm in blue-coloured thread for identification purposes</li> </ul>	<ul style="list-style-type: none"> <li>• Hood with flange and elasticated face and neck</li> <li>• Available in white and in one size</li> </ul>	<ul style="list-style-type: none"> <li>• Knee-length overboot with slip-retardant sole</li> <li>• Fixation ties</li> <li>• Sole is partially stitched: splash-proof, not fully liquid tight</li> <li>• Available in grey and in one size</li> </ul>	<ul style="list-style-type: none"> <li>• 50 cm long and with wide elastics at cuffs and upper arm</li> <li>• Available in grey and in one size</li> </ul>	<ul style="list-style-type: none"> <li>• Shin-length apron with neck and waist ties</li> <li>• Available in grey and in one size</li> </ul>	<ul style="list-style-type: none"> <li>• Shin-length gown with wrap-over rear closure, hook and loop neck closure and waist ties. Elasticated wrists</li> <li>• Available in grey and sizes S/M and L/2XL</li> </ul>

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## SERIE 2600 AERO

Product code: 10-220-00261043  
 Product name: **2610AP/SP AERO**  
 Size: 13 liters

- Plugs into the electric power system of the aircraft
- **Handy and light:** Includes handle and front rotative wheels
- **Convenient:** Easy to open, integrated accessory support and 25m electric cable
- **Robust:** PE high density tank and integrated cable protection
- Available with paper- or textile bag

Bag (/SP): Yes	Tank capacity (L): 13
Power (W): 1000	Bag capacity (L): 5
Vacuum (mm): 2400	Hose diameter (mm): Ø 32 / Ø 38
Air flow rate (L/S): 48.8	Hose length (M): 2.20/3
Voltage (V): 115	Sound level (dbA): 60
Frequency (Hz): 400	Dimensions Lxwxh (cm): 39 x 30 x 43
Type of plug: AERO	Weight of machine alone (kg): 6.2
Cable length (M): 25	Class: IPX4



## SERIE 2700 AERO

Product code: 10-220-00271003  
 Product name: **2710AP/SP AERO**  
 Size: 6 liters

- Plugs into the electric power system of the aircraft
- **Handy and light:** Includes ergonomic handle and front rotative wheels
- **Convenient:** Integrated accessory support and 25m electric cable with storage rack
- **Robust:** PE high density tank
- Available with paper bag

Bag (/SP): Yes	Tank capacity (L): 6
Power (W): 1000	Bag capacity (L): 6
Vacuum (mm): 2400	Hose diameter (mm): Ø 32 / Ø 38
Air flow rate (L/S): 48.8	Hose length (M): 2.20/3
Voltage (V): 115	Sound level (dbA): 60
Frequency (Hz): 400	Dimensions Lxwxh (cm): 42 x 34 x 37
Type of plug: AERO	Weight of machine alone (kg): 7
Cable length (M): 25	Class: IPX4





## SERIE 2900 AERO

Product code: 10-220-00291041  
 Product name: **2910AP/SP AERO**  
 Size: 16 liters

- Plugs into the electric power system of the aircraft
- **Handy and light:** Includes handle and front rotative wheels
- **Convenient:** Easy to open, integrated accessory support and 25m electric cable with integrated cable protection
- **Robust:** PE high density tank and integrated cable protection
- Available with paper- or textile bag

Bag (/SP): Yes	Tank capacity (L): 16
Power (W): 1000	Bag capacity (L): 7
Vacuum (mm): 2400	Hose diameter (mm): Ø 32 / Ø 38
Air flow rate (L/S): 48.8	Hose length (M): 2.20/3
Voltage (V): 115	Sound level (dbA): 60
Frequency (Hz): 400	Dimensions Lxwxh (cm): 39 x 30 x 49
Type of plug: AERO	Weight of machine alone (kg): 6.3
Cable length (M): 25	Class: IPX4



## SERIE 3900 AERO

Product code: 10-220-00391041  
 Product name: **3910AP/SP AERO**  
 Size: 11,5 liters

- Plugs into the electric power system of the aircraft
- **Handy, compact and ergonomic:** Includes handle and front rotative wheels
- **Convenient:** Easy to open and includes 25m electric cable
- **Robust:** PE high density tank and integrated cable protection
- Available with paper- or textile bag

Bag (/SP): Yes	Tank capacity (L): 11.5
Power (W): 1000	Bag capacity (L): 7
Vacuum (mm): 2400	Hose diameter (mm): Ø 32 / Ø 38
Air flow rate (L/S): 48.8	Hose length (M): 2.20/3
Voltage (V): 115	Sound level (dbA): 60
Frequency (Hz): 400	Dimensions Lxwxh (cm): 37 x 33 x 48
Type of plug: AERO	Weight of machine alone (kg): 6.9
Cable length (M): 25	Class: IPX4



## SERIE 4900 AERO

Product code: 10-145-00491003  
 Product name: **4910AE AERO**  
 Size: 30 liters

- Plugs into the electric power system of the aircraft
- **Handy and ergonomic:** Includes handle and front rotative wheels
- **Performant:** By-pass motor (APR) and double airflow for permanent motor cooling
- Water level detection with floating system or electronic sensors
- **Convenient:** 25m electric cable with cable protection
- **Robust:** PE high density tank

Bag (/SP): Yes	Tank capacity (L): 30
Power (W): 1000	Water level detection: Floating system
Vacuum (mm): 2300	Hose diameter (mm): Ø 32 / Ø 38
Air flow rate (L/S): 51.6	Hose length (M): 2.20/3
Voltage (V): 115	Sound level (dbA): 60
Frequency (Hz): 400	Dimensions Lxwxh (cm): 41 x 36 x 66
Type of plug: AERO	Weight of machine alone (kg): 8.1
Cable length (M): 25	Class: IPX4



## SERIE 122 AERO

Product code: 10-220-00012242  
 Product name: **122AD AERO**  
 Size: 2,5 liters

- Made like a backpack
- Plugs into the electric power system of the aircraft
- **Handy and light:** Ergonomic transport handle
- **Comfortable:** The motor is located in the bottom of the backpack, for improved comfort
- **Performant:** HEPA filtration
- **Convenient:** Waist power switch and 25m electric cable
- **Robust:** PE high density tank
- Available with paper- or textile bag

Bag (/SP): Yes	Tank capacity (L): 2.5
Power (W): 900	Bag capacity (L): 2.5
Vacuum (mm): 2400	Hose diameter (mm): Ø 32
Air flow rate (L/S): 47	Hose length (M): 0.55 – 2.20
Voltage (V): 115	Sound level (dbA): 59
Frequency (Hz): 400	Dimensions Lxwxh (cm): 39 x 23 x 47.5
Type of plug: AERO	Weight of machine alone (kg): 4.9
Cable length (M): 25	Class: IPX4



## SERIE 122 HEPA AERO

Product code: 10-220-00012243  
 Product name: **122AD HEPA AERO**  
 Size: 2,5 liters

- Made like a backpack
- Plugs into the electric power system of the aircraft
- **Handy and light:** Ergonomic transport handle
- **Comfortable:** The motor is located in the bottom of the backpack, for improved comfort
- **Performant:** HEPA filtration
- **Convenient:** Waist power switch and 25m electric cable
- **Robust:** PE high density tank
- Available with paper- or textile bag

Bag (/SP): Yes	Tank capacity (L): 2.5
Power (W): 900	Bag capacity (L): 2.5
Vacuum (mm): 2400	Hose diameter (mm): Ø 32
Air flow rate (L/S): 47	Hose length (M): 0.55 – 2.20
Voltage (V): 115	Sound level (dbA): 59
Frequency (Hz): 400	Dimensions Lxwxh (cm): 39 x 23 x 50
Type of plug: AERO	Weight of machine alone (kg): 5.1
Cable length (M): 25	Class: IPX4



## SERIE 120 AERO

Product code: 10-220-00012821  
 Product name: **128AD AERO**  
 Size: 4,7 liters

- Made like a backpack
- Plugs into the electric power system of the aircraft
- **Light and easy to use**
- **Comfortable:** Motor located in the bottom of the backpack for optimized comfort
- **Convenient:** 25m electric cable with cable protection
- **Robust:** PE high density tank
- Available with paper- or textile bag

Bag (/SP): Yes	Tank capacity (L): 4.7
Power (W): 1000	Bag capacity (L): 4
Vacuum (mm): 2400	Hose diameter (mm): Ø 32
Air flow rate (L/S): 48.8	Hose length (M): 0.55 – 2.20
Voltage (V): 115	Sound level (dbA): 60
Frequency (Hz): 400	Dimensions Lxwxh (cm): 19 x 32 x 50
Type of plug: AERO	Weight of machine alone (kg): 5.5
Cable length (M): 25	Class: IPX4



## 7,5 L AERO

Product code: 10-140-09511041  
 Product name: **ES95 AERO**  
 Size: 7,5 liters

- **Specific voltage:** 115 Volt and 400 Hertz.
- Plugs into the electric power system of the aircraft
- **Performant:** Membrane pump with 2L capacity for high performance
- **Handy and stable:** 4 rotative wheels
- **Convenient:** Water level detection with floating system, 25m electric cable and cable support
- **Robust:** PE high density tank

Vacuum power (W): 1000	Type of plug: AERO
Vacuum (mm): 2300	Cable length (M): 25
Air flow rate (L/S): 48.3	Solution/Recovery tank capacity (L): 7.5 / 8.5
Type of pump: Membrane	Hose length (M): 2.20
Pump control: Pressostat	Hose diameter (mm): Ø 32
Pressure (Bars): 0 – 4.4	Sound level (dbA): 75
Spray flow rate (L/min): 1.6 – 3.4	Dimensions Lxwxh (cm): 54 x 37.5 x 40
Voltage (V): 115	Weight of machine alone (kg): 11.7
Frequency (Hz): 400	Class: IPX4



## 14 L AERO

Product code: 10-140-14511041  
 Product name: **ES145 AERO**  
 Size: 14 liters

- **Specific voltage:** 115 Volt and 400 Hertz
- Plugs into the electric power system of the aircraft
- **Performant:** Membrane pump with 2L capacity for high performance
- **Handy and stable:** 4 rotative wheels
- **Convenient:** Water level detection with floating system, 25m electric cable and cable support
- **Robust:** PE high density tank and protection bumper

Vacuum power (W): 1000	Type of plug: AERO
Vacuum (mm): 2300	Cable length (M): 25
Air flow rate (L/S): 48.3	Solution/Recovery tank capacity (L): 14 / 14
Type of pump: Membrane	Hose length (M): 2.20
Pump control: Pressostat	Hose diameter (mm): Ø 32
Pressure (Bars): 0 – 4.4	Sound level (dbA): 75
Spray flow rate (L/min): 1.6 – 3.4	Dimensions Lxwxh (cm): 45 x 64 x 79
Voltage (V): 115	Weight of machine alone (kg): 13.2
Frequency (Hz): 400	Class: IPX4





## SERIE 350 AERO

Product code: 28-200-35011540  
 Product name: **ES350 AERO**  
 Size: -

- **Cylindrical brush**
- **Performant:** Spraying, brushing and vacuuming in one application
- **Specific voltage:** 115 Volt and 400 Hertz
- Plugs into the electric power system of the aircraft
- **Light and easy to handle:** 2 back wheels for easy movement
- **Convenient:** 25m electric cable
- **Robust:** PE high density tank
- Compatible with **7,5 L Aero** and **14 L Aero**

Power (W): 40	Cable length (M): 25
Number of nozzles: 1	Hose diameter (mm): Ø 32
Diameter of nozzle (mm): 1.1	Brush width (cm): 34
Voltage (V): 115	Dimensions Lxwxh (cm): 34 x 22 x 20
Frequency (Hz): 400	Weight of machine alone (kg): 4.8
Type of plug: AERO	Class: IPX4
Rotation speed (Trs/min): 1800	



## ES155 AERO

Product code: 25-200-15511541  
 Product name: **ES155 AERO**  
 Size: -

- Ideal for cleaning of aircraft cabins
- **Specific voltage:** 115 Volt and 400 Hertz.
- Plugs into the electric power system of the aircraft
- **Performant:** 15 cm wide and performance for 45 m<sup>2</sup>/hour
- **Easy to use:** Very handy
- **Convenient:** 2 ergonomic handles and a 25m electric cable
- **Robust:** PE high density tank

Power (W): 60	Diameter (mm): 150
Rotation speed (Trs/min): 300	Theoretical performance (m <sup>2</sup> /h): 25
Brush pressure (g/cm <sup>2</sup> ): 28.7	Sound level (dbA): 55
Voltage (V): 115	Dimensions Lxwxh (cm): 43 x 15 x 24
Frequency (Hz): 400	Weight of machine alone (kg): 3.8
Type of plug: AERO	Class: IPX4
Cable length (M): 25	



## ES153 AERO

Product code: 25-200-15311541  
 Product name: **ES153 AERO**  
 Size: 2,5 liters

- Ideal for cleaning of aircraft cabins
- **Specific voltage:** 115 Volt and 400 Hertz
- Plugs into the electric power system of the aircraft
- **Performant:** 15 cm wide and performance for 45 m<sup>2</sup>/hour
- **Easy to use:** Very handy
- **Convenient:** 2 ergonomic handles and 25m electric cable
- **Robust:** PE high density tank

Power (W): 60	Diameter (mm): 150
Rotation speed (Trs/min): 300	Tank capacity (L): 2.5
Brush pressure (g/cm <sup>2</sup> ): 37.1	Theoretical performance (m <sup>2</sup> /h): 45
Voltage (V): 115	Sound level (dbA): 55
Frequency (Hz): 400	Dimensions Lxwxh (cm): 43 x 15 x 105
Type of plug: AERO	Weight of machine alone (kg): 4.8
Cable length (M): 25	Class: IPX4



## DAUPHIN

Product code: 40-510-08323100  
 Product name: **DAUPHIN**  
 Size: 60cm x 27cm x 37cm

- **Multi-usages:** Surface treatment by air (misting)
- Disinfection thanks to an active product
- Air freshener thanks to perfume addition
- Wetting with water
- Can treat rooms up to 500m<sup>3</sup>

Power (W): 1000	Liquid distribution rate (L/H): 1.2
Time (mn): 0 to 30	Machine net weight (kg): 6.86
Power supply: 230 V – 50/60 Hz – 5 A	Cable length (m): 2.20



# Horsleys

- SINCE 1988 -



## LIQUID SOAP

Product code:	HOR1001 / HOR51001
Product name:	<b>HORSLEYS LIQUID SOAP</b>
Colour / Material:	Colorless / Liquid
Size:	275ml / 5 L
Case dimensions:	51 x 39 x 20cm / 18 x 13 x 31cm
Packaging:	48 bottles / case or 1 can / case 24 cases / pallet or 120 cases / pallet

This **liquid soap** has been perfected for over more than 30 years. Its PH balanced moisturizing formulation leaves your hands soft and clean. It is suitable for all skin types and complies with all EU cosmetic regulations. The product is available in either 275ml recyclable bottles or in 5 liter re-fill cans.

**Certifications:** South African Airways & Boeing. Complies with all European cosmetic regulations.



## FOAMING SOAP

Product code:	HOR1002 / HOR510021
Product name:	<b>HORSLEYS FOAMING SOAP</b>
Colour / Material:	Colorless / Liquid
Size:	250ml / 5 L
Case dimensions:	51 x 39 x 20cm / 18 x 13 x 31cm
Packaging:	48 bottles / case or 1 can / case 24 cases / pallet or 120 cases / pallet

**Foaming Hand Soap** creates a rich and generous lather whilst providing a pleasant citrus fragrance. It is suitable for all skin types and complies with all EU cosmetic regulations, offering first class hygiene at an economic price.

The product is available in either 250ml recyclable bottles or in 5 liter re-fill cans.

**Certifications:** South African Airways & Boeing. Complies with all European cosmetic regulations.



## WATERLESS HAND CLEANER

Product code:	HOR1004
Product name:	<b>HORSLEYS WATERLESS HAND CLEANER</b>
Colour / Material:	Colorless / Liquid
Size:	275ml
Case dimensions:	51 x 39 x 20cm
Packaging:	48 bottles / case 24 cases / pallet

**Waterless Hand Cleaner** offers an excellent solution to sanitize hands without the use of water, making it ideal for use in toilets on transportation with no running water. Its gentle anti-bacterial formulation is suitable for all skin types. Combined with a mild cucumber fragrance, hands are left clean and fresh.

**Certifications:** Approved for airline use and complies with all European cosmetic regulations.





## HAND & BODY LOTION

Product code:	HOR1003
Product name:	<b>HORSLEYS HAND &amp; BODY LOTION</b>
Colour / Material:	Colorless / Liquid
Size:	275ml
Case dimensions:	51 x 39 x 20cm
Packaging:	48 bottles / case 24 cases / pallet

This **Hand & Body Lotion** provides an extra added touch to enhance passenger comfort onboard a flight. It nourishes and hydrates the skin whilst providing a pleasant and subtle fragrance and is suitable for all skin types.

The product is available in 275ml recyclable bottles and complies with all EU cosmetic regulations.

**Certifications:** Approved for airline use and complies with all European cosmetic regulations.



## SCREW BASE BOTTLE HOLDER

Product code:	HOR1005B / HOR1005W
Product name:	<b>HORSLEYS SCREW BOTTLE HOLDERS</b>
Colour / Material:	White or Black / Thermoplastic
Size:	Standard
Box dimensions:	7 x 6.5 x 4.5cm
Packaging:	Single packed

These **Screw Base Bottle Holders** are airline approved and available in black or white to match the interior of any aircraft toilet. All bases are supplied with a fitting kit, which contains a 3M sticky pad, allowing the soap dispensers to be installed with ease and minimal paperwork. Bottles are then angled over the wash basin ensuring the hand wash area is kept clean and tidy.

**Certifications:** South African Airways & Boeing.



## SKY COTS

Product code:	HOR1010
Product name:	<b>HORSLEYS SKY COTS</b>
Colour:	White
Size:	32 x 28cm
Case dimensions:	65 x 37 x 66cm
Packaging:	6 cases / pallet

**Horsleys Sky Cots** are preassembled and flat packed, to provide a disposable, quick and easy solution for every baby onboard. The use of disposable **Sky Cots** eliminates the cost of cleaning and maintaining reusable **Sky Cots**.

Customized **Sky Cots** with corporate colors and logos can also be supplied, subject to minimum order quantities being met.

**Certifications:** Airline approved.



## AERO FRESHENERS

Product code: HOR1006 / HOR1007 / HOR1008 / HOR1009  
 Product name: **HORSLEYS AERO FRESHENER**  
 Colour / Material: Colorless / Liquid  
 Size: 30ml / 100ml / 150ml  
 Case dimensions: 30 x 23 x 23cm / 65.5 x 32.5 x 21.5cm / 36 x 26.5 x 29.5cm  
 Packaging: 144 bottles / case or 72 bottles / case  
 65 cases / pallet or 21 cases / pallet or 72 cases / pallet

**Horsleys Aero Fresheners** are available in three different sizes: 30ml, 100ml and 150ml, with a choice of original or lemon fragrance. All variations of the **Aero Fresheners** are designed for safe use onboard the aircraft, with a pressure safe, non-aerosol spray pump. With its advanced deodorizing- and bactericidal formulation, each pump dispenses a fine mist which controls unpleasant odors.

**Certifications:** Approved for airline use and complies with AMS 1478.



## AIRCRAFT INSECTICIDE

Product code: HOR1020 / HOR1022 / HOR1024 / HOR1025 / HOR1065  
 Product name: **HORSLEYS INSECTICIDE SPRAYS**  
 Colour / Material: Clear / 2% m/m d-phenothrin  
 Size: 40g / 60g / 100g  
 Case dimensions: 22 x 15 x 13cm / 22 x 15 x 15cm / 27.5 x 18.5 x 13cm  
 Packaging: 24 sprays / case  
 260 cases / pallet or 208 cases / pallet or 128 cases / pallet

Especially designed for professional use in the aviation industry and formulated according to the recommendations of the World Health Organization (WHO) for the control of both flying and crawling insects in the cabin, cockpit and cargo holds. The formulation contains a non-flammable, ozone friendly propellant and the WHO recommended active substance **d-phenothrin** which provides a rapid “knockdown” effect and terminating a broad range of insects. **Aircraft Insecticide** provides essential insect control for all passenger airlines, freight cargos, military and private aircrafts required to be treated to prevent the spread of tropical diseases.

**Certifications:** AMS 1450A & WHO.



## ACCIDENT CLEANING KIT

Product code: HOR1028 / HOR1029  
 Product name: **HORSLEYS ACCIDENT CLEANING KIT**  
 Contents: Disposable gloves, Encapsulating powder sachet (10g), Plastic scraper, Biohazardous waste bag, Sanicom sachet and Instruction leaflet  
 Case dimensions: 41 x 26 x 44.5cm  
 Packaging: 100 kits / case  
 21 cases / pallet

**Horsleys Accident Cleaning Kits** contains everything crew members need to isolate any spills and remove waste deriving from any aqueous-based matter hygienically, quickly and safely. This includes the effects of airsickness, accidental spills and any other mishaps, which may occur onboard.

**Certifications:** Airline approved.



## CLEANING WIPES

Product code: HOR1017 / HOR1078  
 Product name: **HORSLEYS CLEANING & HAND WIPES**  
 Colour: White  
 Case dimensions: 39 x 30 x 28cm / 38 x 25 x 27cm  
 Packaging: 40 packs / case or 100 packs / case  
 40 cases / pallet or 54 cases / pallet

Available in packs of 10 or 20 wipes, **Horsleys Cleaning Wipes** are ideal for use in the galley, cabin, flight deck, bathroom, and food preparation areas on surfaces which need to be kept clean and free from bacteria. Tested to kill Coronavirus, Norovirus, MRSA, C Diff, E Coli, Salmonella and a wide range of other bacteria, these easy-to-use wipes also provide a residual effect on hard surfaces which lasts for up to 30 days. The active ingredient is kind to skin and does not contain alcohol, so **Horsleys Cleaning Wipes** can also be used as hand wipes, leaving your hands protected from bacteria for up to six hours; making this an ideal multi-purpose product for crew members.

**Certifications:** BSEN Standards, Airline approved, Tested to be food- and skin safe.



## HAND GEL SACHETS

Product code: HOR1079  
 Product name: **HORSLEYS HAND GEL SACHETS**  
 Colour / Material: Clear / Liquid  
 Size: 2ml sachets, 6 x 8 cm  
 Case dimensions: 39 x 30 x 16cm  
 Packaging: 500 sachets / case  
 64 cases / pallet

**Hand Gel Sachets** enable passengers to sanitize their hands without leaving their seats, making them ideal for use during in-flight meal- and snack services. They are also an essential item for the cabin crew, providing a quick and convenient solution to keeping their hands clean and sanitized without the use of water. Ideal for use in any location, or on any form of transportation, with no running water.

**Certifications:** Approved for airline use and complies with all EU cosmetic regulations.



## H500 SUPER DEODORISING SACHETS

Product code: HOR1030  
 Product name: **HORSLEYS DEODORISING SACHETS**  
 Colour / Material: Clear / Liquid  
 Case dimensions: 38 x 30 x 17cm  
 Packaging: 2000 sachets / case  
 64 cases / pallet

**Horsleys H500 Super Deodorising Sachets** neutralizes and removes odors when placed inside areas of malodor such as bins. Simply tear open the sachet and peel back the film to expose the fabric pad and then place around malodor. An effective, efficient and easy to use product which continuously neutralizes unpleasant odors.

**Certifications:** No ingredients classified as hazardous to health or the environment.



## ENCAPSULATING POWDER

Product code: HOR1011 / HOR1012  
 Product name: **HORSLEYS ENCAPSULATING POWDER**  
 Colour / Material: White / Granules  
 Case dimensions: 38 x 29 x 26cm / 61 x 32 x 32cm  
 Packaging: 500 sachets / case or 200 sachets / case  
 48 cases / pallet or 15 cases / pallet

**Horsleys Encapsulating Powder** is a super absorbent polymer that delivers superior absorption capacity. Providing a hygienic and effective solution to assist in the removal of any aqueous-based waste, including the effects of airsickness and accidental spills. Available in either 10g or 40g sachets; ideal for use within spill kits.

**Certifications:** SARA 313 Reportable Toxic Chemicals – None.



## TOILET SEAT COVERS

Product code: HOR1014  
 Product name: **HORSLEYS TOILET SEAT COVERS**  
 Colour: White  
 Size: 25.5 x 18.5 x 2cm  
 Case dimensions: 51 x 23 x 37.5cm  
 Packaging: 125 covers / pack  
 40 packs / case  
 28 cases / pallet

These **Toilet Seat Covers** are ideal for use within transport amenity toilets, providing a hygienic, clean barrier between the toilet seat and user.

The little things can make a big difference in any industry, both to customer satisfaction and to overall cleanliness and efficiency. Providing disposable **toilet seat covers** is one of the many small ways we can help airlines demonstrate their extra care and attention to detail.

**Certifications:** Approved for airline use.



## SHARP DISPOSAL BINS

Product code: HOR1040  
 Product name: **HORSLEYS SHARP DISPOSAL UNIT**  
 Colour / Material: Yellow / Plastic  
 Size: 0.2 liter container, 79 x 37 x 146mm  
 Weight: 55g  
 Case dimensions: 40 x 32.5 x 31cm  
 Packaging: 100 units / case  
 30 cases / pallet

**Sharps Disposal Bins** are essential to ensure the safe disposal of needles and syringes. These are available in a wide range of sizes, from the smallest 0.2 liter container, which is widely used onboard aircrafts, to the larger 13 liter container.

These 0.2 liter containers are 79 x 37 x 146mm and weigh just 55g, so they are ideal for use onboard aircrafts.

**Certifications:** UN 3291, BS EN ISO 23907:2012, NF-X-30-511 Standard.





## AIRSICKNESS BAGS

Product code: HOR1064  
 Product name: **HORSLEYS AIRSICKNESS BAGS**  
 Colour: White  
 Case dimensions: 38 x 30 x 15.5cm  
 Packaging: 500 bags / case  
 80 cases / pallet

**Airsickness Bags** are an essential item for each seat pocket, enabling the hygienic disposal of waste following sickness, thus minimizing any upset and disruption caused by passenger illness onboard an aircraft. Customized **airsickness bags** with corporate branding and logos can also be produced, subject to minimum order quantities being met.

**Certifications:** Approved for airline use.

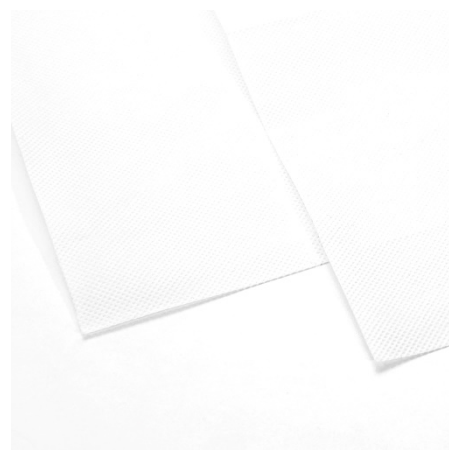


## HEADREST COVERS

Product code: HOR1052 / HOR1063  
 Product name: **HORSLEYS HEADREST COVERS**  
 Colour: White  
 Size: 28 x 32cm  
 Case dimensions: 58 x 38 x 24cm / 40 x 32 x 31cm  
 Packaging: 1000 covers / case or 200 covers / case  
 24 cases / pallet or 30 cases / pallet

**Headrest Covers** can be provided plain or customized with corporate branding, with the choice of white cotton or non-woven (70gsm) fabric. All printed covers can be trimmed or provided with alternative fastenings if required.

**Certifications:** Approved for airline use.



## LUXURY HOT TOWELS

Product code: HOR1066  
 Product name: **HORSLEYS LUXURY HOT TOWELS**  
 Colour / Material: White / Cotton and Polyester  
 Size: 25 x 25cm  
 Weight: 22g  
 Case dimensions: 60 x 45 x 33cm  
 Packaging: 576 towels / case  
 10 cases / pallet

**Horsleys Luxury Towels** are made ideally for use within First Class, Business Class and Private Jets. The towels have a refreshing lemon fragrance and are packed 4 towels per tray with serving tongs.

**Certifications:** Approved for airline use.



## LIGHTWEIGHT HOT TOWELS

Product code: HOR1067  
 Product name: **HORSLEYS LIGHTWEIGHT HOT TOWELS**  
 Colour / Material: White / Cotton and Polyester  
 Size / Weight: 20 x 20cm / 8g  
 Case dimensions: 60 x 45 x 33cm  
 Packaging: 1152 towels / case  
 10 cases / pallet

**Horsleys Lightweight Towels** are packed 8 towels per tray with serving tongs and have a refreshing lemon fragrance.

**Lightweight Towels** are used by many airlines within economy cabins. Other fragrances available are "Mandarin & Black Amber" and "Green Tea & Lemon" (subject to minimum order quantities).

**Certifications:** Approved for airline use.



## NON-WOVEN TOWELS

Product code: HOR1043  
 Product name: **HORSLEYS NON-WOVEN HOT TOWELS**  
 Colour / Material: White / Polypropylene and Cotton Fibres  
 Size / Weight: 28 x 20cm / 2g  
 Case dimensions: 72 x 33.5 x 34.5cm  
 Packaging: 1248 towels / case  
 12 cases / pallet

**Horsleys Non-woven Towels** offer an alternative to the cotton towels. As a single use, non-fragranced, absorbent towel these are suitable for use onboard an aircraft, or in a restaurant setting.

Packed with 26 towels per tray and serving tongs included.

**Certifications:** Approved for airline use.



## OVEN GLOVES

Product code: HOR1049 / HOR1061  
 Product name: **HORSLEYS OVEN GLOVES**  
 Colour / Material: White / 46% Nomex® & 54% Cotton  
 Packaging: Singles or pairs

**Horsleys Oven Gloves** provide protection for the cabin crew ensuring safe handling of dishes and trays when removing items from the aircraft galley ovens.

As requirements vary, we also provide customized airline **oven gloves**, tailored to each customers specification, in a range of different fabrics and colors.

**Certifications:** Thermal Resistance, Contact Heat – Level 4, Convective Heat – Level 3, Radiant Heat – Level 4.



## ALCOHOL FREE DISINFECTANT SPRAY

Product code: HOR1092  
 Product name: **HORSLEYS ALCOHOL FREE DISINFECTANT SPRAY**  
 Case dimensions: 36 x 26.5 x 29.5cm  
 Packaging: 70 bottles / case  
 36 cases / pallet

**Horsleys Alcohol Free Disinfectant Spray** 150ml, sanitizes hard surfaces, furniture and equipment, providing an effective residual barrier for up to 24 hours. It has been tested to kill 99.999% of bacteria, viruses and fungi including SARS-CoV-2 which causes COVID-19.

It is quick and easy to use. Simply spray directly onto the area needing to be sanitized or apply using a clean cloth and leave to dry. No need to rinse.

**Certifications:** EN14476 certified, Boeing BSS 7434 approved, Food Contact Clearance, Halal certified.



# **IPS**<sup>™</sup> | Innovative products and services



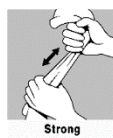
## IPS™ SATWIPES® 8642 SOLUTIONS

Product name: **IPS™ SatWipes® 8642 (C86)**  
 Colour: White  
 Grams/m2 (gsm): 60  
 Sheet size: 150mm x 230mm / 230 x 280mm / 300mm x 230mm  
 Packaging: 100 / 60 / 50 wipes / pack  
 12 packs / carton  
 64 cartons / pallet

Pre-saturated wipe systems are used for the preparation and cleaning of surfaces before e.g. bonding, painting or removal of excess sealant squeeze-out. The system of pre-saturated wipes provides economic, environmental and safety advantages for users compared to the method of using fluent solvent and chemicals with dry cloths. This solution can be manufactured with customized chemicals according to customer specifications.

IPS™ SatWipes® 8642 meets the following requirements:

- Aerospace Material Specification AMS 3819C, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E



## IPS™ SATWIPES® REUSABLE DISPENSER

Product code: 2912C  
 Product name: **IPS™ SatWipes® Reusable Dispenser**  
 Material: HDPE  
 Colour: White  
 Height: 195mm  
 Width: 120mm  
 Packaging: 12 dispenser / carton

Reusable plastic dispenser for IPS™ SatWipes® Solutions with anti-static spring lid. Keeps the impregnated wipes wet and protected from dirt and foreign objects. The dispenser also helps reduce VOC. An easy ready-to-use solution for your specific SatWipes® Solution from IPS™. Reusable for the sake of the environment.





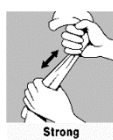
## IPS™ SATWIPE® with ETHANOL

Product code: 7009HA / 7010HA / 7011HA  
 Product name: **IPS™ SatWipes® with Ethanol**  
 Colour: White  
 Grams/m2 (gsm): 60  
 Sheet size: 150mm x 230mm / 230 x 280mm / 300mm x 230mm  
 Packaging: 100 / 60 / 50 wipes / pouch  
 12 pouches / carton  
 64 carton / pallet

Pre-saturated wipe systems are used for the preparation and cleaning of surfaces before e.g. bonding, painting or removal of excess sealant squeeze-out. The system of pre-saturated wipes provides economic, environmental and safety advantages for users compared to the method of using fluent solvent and chemicals with dry cloths. This solution can be manufactured with customized chemicals according to customer specifications.

IPS™ SatWipes® 8642 meet the following requirements:

- Aerospace Material Specification AMS 3819C, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E



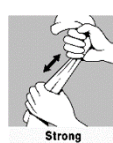
## IPS™ SATWIPE® with 100% IPA

Product code: 7012HA  
 Product name: **IPS™ SatWipes® with 100% IPA**  
 Colour: White  
 Grams/m2 (gsm): 60  
 Sheet size: 150mm x 230mm / 230 x 280mm / 300mm x 230mm  
 Packaging: 100 / 60 / 50 wipes / roll  
 12 rolls / carton  
 40 cartons / pallet

Pre-saturated wipe systems are used for the preparation and cleaning of surfaces before e.g. bonding, painting or removal of excess sealant squeeze-out. The system of pre-saturated wipes provides economic, environmental and safety advantages for users compared to the method of using fluent solvent and chemicals with dry cloths. This solution can be manufactured with customized chemicals according to customer specifications. This product is in line with MIL SPEC TT-1-735 and meets the requirements of the EP2005 pharmaceutical grade certification.

IPS™ SatWipes® 8642 meet the following requirements:

- Aerospace Material Specification AMS 3819C, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E





## IPS™ SATWIPE® with ACETONE

Product code: 7013HA  
 Product name: **IPS™ SatWipes® with Acetone**  
 Colour: White  
 Grams/m2 (gsm): 60  
 Sheet size: 150mm x 230mm / 230mm x 280mm / 300mm x 230mm  
 Packaging: 100 / 60 / 50 wipes / roll  
 12 rolls / carton  
 40 cartons / pallet

Pre-saturated wipe systems are used for the preparation and cleaning of surfaces before e.g. bonding, painting or removal of excess sealant squeeze-out. The system of pre-saturated wipes provides economic, environmental and safety advantages for users compared to the method of using fluent solvent and chemicals with dry cloths. This solution can be manufactured with customized chemicals according to customer specifications.

IPS™ SatWipes® 8642 meet the following requirements:

- Aerospace Material Specification AMS 3819C, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E



## IPS™ SATWIPE® for CABLE CLEANING

Product code: 7014HA  
 Product name: **IPS™ SatWipes® for Cable Cleaning**  
 Colour: White  
 Grams/m2 (gsm): 60  
 Sheet size: 150mm x 230mm / 230mm x 280mm / 300mm x 230mm  
 Packaging: 100 / 60 / 50 wipes / pouch  
 12 rolls / box  
 64 boxes / carton

IPS™ SatWipes® with PF Solvent is suitable as a cleaner and degreaser for cable cleaning prior to cable jointing, maintenance of cables, switchgear, network equipment and electrical equipment cleaning and degreasing. Suitable for use on high voltage, medium voltage and low voltage applications and leaves no residue after complete evaporation.

IPS™ SatWipes® Solutions meets the following requirements:

- Aerospace Material Specification AMS 3819C, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E



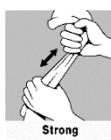
## IPS™ SATWIPEs® with MEK

Product code: 7090HA  
 Product name: **IPS™ SatWipes® with MEK**  
 Colour: White  
 Grams/m2 (gsm): 60  
 Sheet size: 150mm x 230mm / 300mm x 230mm  
 Packaging: 100 / 50 wipes / pouch  
 12 rolls / carton  
 64 cartons / pallet

**IPS™ SatWipes® with MEK** (methyl ethyl ketone) is used as a solvent to strip away dirt, adhesives, glues, greases and other shop messes. It can be used to clean surfaces before painting or for prepping parts before installation. It is even useful in the refurbishing industry for stripping away contaminants when preparing a part for reuse. Sometimes referred to as butanone, MEK is popular in all types of industries from military outfits to aerospace giants and beyond.

**IPS™ SatWipes® Solutions** meets the following requirements:

- Aerospace Material Specification AMS 3819C, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Production partner is AS9100C certified



## IPS™ SATWIPEs® with 70% IPA/30% DEMIN. WATER

Product code: 7075HA  
 Product name: **IPS™ SatWipes® with 70% IPA/30% Demin. Water**  
 Colour: White  
 Grams/m2 (gsm): 60  
 Sheet size: 150mm x 230mm  
 Packaging: 100 wipes / pouch  
 12 rolls / carton  
 64 cartons / pallet

**IPS™ SatWipes® with 70% IPA/30% Demin. Water** is suitable for degreasing, dust control, and decontamination before treatment of surfaces such as painting, lacquering and other repairs. The wipe is manufactured using Sontara® 8642 and is perfectly designed to excel within the aerospace industry. The composition is approved by IATA as the optimal solution for Aircraft MRO tasks, including disinfection of surfaces.

**IPS™ SatWipes® Solutions** meets the following requirements:

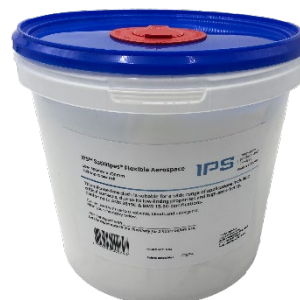
- Aerospace Material Specification AMS 3819C, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E



## IPS™ SATWIPES® FLEXIBLE AEROSPACE

Product code: 7023HA  
 Product name: **IPS™ SatWipes® Flexible Aerospace**  
 Colour: White  
 Grams/m2 (gsm): 60  
 Sheet size: 300mm x 230mm  
 Packaging: 200 wipes / roll  
 6 rolls / carton  
 20 cartons / pallet

**IPS™ SatWipes® Flexible Aerospace** is a centerfeed roll in a bucket, where the user can add the needed chemistries directly into the bucket and thereby make their own presaturated wipes. These disposable Sontara® wipes in a bucket can contain all kinds of chemicals such as alcohols, solvents, blends, detergents and degreasers. The wipes are Aerospace approved and recommended for use within this industry.



**IPS™ SatWipes® 8642** meets the following requirements:

- Aerospace Material Specification AMS 3819C, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Production partner is AS9100C certified



# POLYKEN®





## Cargo Pit Sealing Tapes

Flame-retardant, high tensile strength, and excellent puncture and tear resistance are required for covering seams as well as patching and repairing panels in critical aircraft cargo compartments.

POLYKEN cargo compartment tapes offer these features and more including lightweight constructions that help reduce overall aircraft weight for fuel and cost savings.

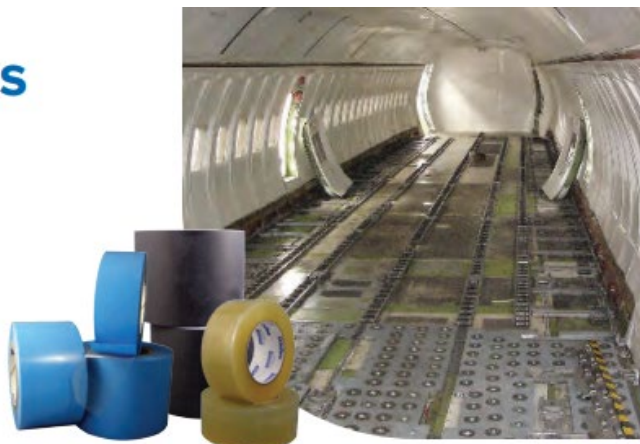


Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Weight oz/sq / gsm	Operating Temp. °F / °C	Colors
<b>Polyken 225FR Flame Retardant Duct Tape</b>								
PE Coated Cloth w/ Rubber Adhesive	Flame retardant. Durable, waterproof backing. High adhesion. Deca-BDE free.	Non-passenger aircraft as a cargo seam tape. <i>Douglas DMS 1968E; Fokker Fk05-006, Fk05-113, FAR 25.853(a)(1)(i); Lockheed LCP-86-1226-A</i>	12.0 0.305	40 4.38	29 50.79	10.0 3391	40 - 200 4 - 93	White Printed
<b>Polyken 290FR Heavy-Duty Cargo Pit Tape</b>								
PE/Fiberglass Cloth w/ Rubber Adhesive	Flame retardant. Lightweight construction. Superior abrasion resistance. Resists lifting and curling. Removes cleanly. Deca-BDE free.	Seals seams of cargo hold floor panels. Repair and patch cargo compartment liners. Covering pins and rivets. <i>FAR 25.853(a); FAR 25.855(d); Airbus ABD0031, Para 7.3.2 &amp; 7.4; Boeing 737-SL-25-115-B, 757-SL-25-085-B, 747-SL-25-195-B, 767-SL-25-112-B, 777-SL-25-037-B; Bombardier DSC 91-8-2 &amp; 91-18-2A</i>	13.0 0.330	38 4.16	150 262.69	13.4 453.3	40 - 200 4 - 93	White Printed
<b>Polyken 296FR Lightweight Cargo Pit Tape</b>								
Fiberglass Cloth w/ Acrylic Adhesive LDPE Liner	Bromide-free and flame-retardant. Conformable to accommodate corners. Repositionable and clean removal. Lightweight construction saves cost.	Lightweight tape for cargo hold floor panel seam sealing. Repair of cargo compartment liners. Covering pins and rivets. <i>FAR 25.853(a); FAR 25.855(d); FAR 25.856(a); Airbus ABD0031, Para 7.3.2 &amp; 7.4; Boeing BMSS-146M, 737-SL-25-115-B, 757-SL-25-085-B, 747-SL-25-195-B, 767-SL-25-112-B, 777-SL-25-037-B</i>	7.0 0.178	45 4.92	134 234.67	6.8 210.0	-40 - 275 -40 - 135	White Printed or Unprinted
<b>Polyken 297 Multi-Purpose Cargo Pit Tape (Unprinted)</b>								
Fiberglass Cloth w/ Rubber Adhesive LDPE Liner	Flame-retardant. High-tensile fiberglass backing. Superior abrasion and moisture resistance. Resists lifting and curling. High shear adhesive maintains seal under loads. Deca-BDE free.	Mid-weight tape for cargo hold floor panel seam sealing. Repair of cargo compartment liners. Covering pins and rivets. <i>FAR 25.853(a); FAR 25.855(d); Boeing 737-SL-25-115-B, 757-SL-25-085-B, 747-SL-25-195-B, 767-SL-25-112-B, 777-SL-25-037-B; Bombardier DSC 91-18-2A</i>	8.0 0.203	50 5.47	150 262.69	8.1 274.7	40 - 200 4 - 93	White



## Moisture Barrier Tapes

PATCO moisture barrier tapes offer conformability, exceptional resistance to water, chemicals, solvents, abrasion, and puncture. Designed to provide a waterproof seal on aircraft floor boards, PATCO moisture barrier tapes are deployed in the entryway, lavatory, galley, and other areas where water and moisture can penetrate carpet or other flooring surfaces resulting in potential corrosion and damage to critical aircraft systems.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Weight oz/sq / g/sq	Operating Temp. °F / °C	Colors
<b>Patco 1800 PVC Moisture Barrier Tape</b>								
PVC Film w/ Acrylic Adhesive Kraft Paper Liner	Economical moisture protection. Conformable. Compatible with most sealants. Forms a permanent bond.	Moisture barrier for interior aircraft sections exposed to moisture such as galleys, lavatories, and entryways.  <i>FAR 25.853(a); Fokker FK05-159 &amp; FK05-160; Bombardier 91-25-1, 91-25-2, 91-25-3, 91-25-3, 91-25-4, 91-25-5, 9-25-6</i>	9.5 0.241	50 5.47	25 43.78	10.7 362.8	-40 - 200 -40 - 93	Black
<b>Patco D9100/D9100SW PU Moisture Barrier Tape</b>								
Interior-grade PU Film w/ Urethane Adhesive Self-wound or 94# Kraft Liner	Tough, elastic backing. Bonds directly over wet sealants. Easy to use at wide widths.	Moisture barrier for interior aircraft sections exposed to moisture such as galleys, lavatories, and entryways.  <i>FAR 25.853a; Boeing BMS 8-346 Type I &amp; II Class I; Airbus AIMS 10-05-004 (ABS 5093); ABD0031 Para 7.3.2 &amp; 7.4; Fokker FK05-193</i>	9.0 0.229	50 5.47	70 122.59	8.6 291.6	-65 - 300 -54 - 149	Clear
<b>Patco D9180 Heavy-Duty PU Moisture Barrier Tape</b>								
Interior-grade PU Film w/ Urethane Adhesive 94# Kraft Liner	Tough, elastic backing. Bonds directly over wet sealants. Extra thickness for good lay-flat and dimensional stability. Easy and fast to apply.	Moisture barrier for interior aircraft sections exposed to moisture such as galleys, lavatories, and entry ways.  <i>FAR 25.853(a); Fokker FK05-193</i>	14.0 0.356	45 4.92	100 175.00	13.05 442.47	-65 - 300 -54 - 149	Clear
<b>Patco D9200 Heavy-Duty Outdoor PU Moisture Barrier Tape</b>								
Exterior-grade PU Film w/ Acrylic Adhesive HDPE Liner	Tough, highly elastic film. Flame-retardant. Non-yellowing.	Moisture seal for floor joints in wet areas such as galleys, lavatories, and doorways.  <i>FAR 25.853(a); Fokker FK05-193</i>	14.0 0.356	80 8.75	80 140.10	12.60 427.21	-40 - 275 -40 - 135	Clear
<b>Patco 9425FR SealDry® Lightweight PU Moisture Barrier Tape</b>								
Interior-grade PU Film w/ Acrylic Adhesive HDPE Liner	Contains no plasticizers or PBDEs. Tough, durable backing. Lightweight material saves cost. Moderately aggressive adhesive for repositioning and clean removal.	Light-weight moisture barrier for interior aircraft sections exposed to moisture such as galleys, lavatories, and entryways.  <i>FAR 25.853(a); Boeing BMS 8-346 Type I, Class 3; Bombardier BAMS 535-007 Type VI</i>	6.0 0.152	28 3.06	34 59.54	5.0 169.53	-10 - 250 -23 - 157	Clear

## Carpet Tapes

POLYKEN double-coated carpet tapes provide exceptional bonding to hold carpet in place in aircraft cabin interiors and stairs. Carpet tape eliminates the need for mechanical fasteners that not only add weight, but can also introduce hazard to the aircraft. They can be used to secure carpeting at the time of manufacture, during maintenance and also be used for in-field repairs to eliminate tripping hazards and reduce aircraft down-time. POLYKEN carpet tapes install easily and remove cleanly from floor panels for fast, easy changeover.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Weight oz/sq / g/sm	Operating Temp. °F / °C	Colors
<b>Polyken 108FR Premium Carpet Tape</b>								
Cloth w/ FR Rubber Adhesive HDPE Liner	High strength flame retardant adhesive bonds well to surfaces. Repositionable and clean removal.	Carpet installation in passenger areas for aircraft, automotive, or marine applications. Mounting and bonding for general machine and shop handling.  <i>FAR 25.853(a); Boeing BMS 5-133 Type II, Class 1 &amp; 2, BAC5034-4 Sec. 5.1a(f)(b); Bombardier DSC 91-8-1 &amp; 91-8-2; Embraer MEP 06-048; Fokker FK05-121 &amp; FK05-197; Lockheed LAC C-24-1257</i>	15.0 0.381	60 6.56	55 96.32	13.0 472.9	40 - 200 4 - 93	Natural, Black
<b>Polyken 1111FR Lightweight Carpet Tape</b>								
Lightweight PET Film w/ Differential Adhesive Kraft Liner	Ultra-lightweight formulation for improved fuel economy. High strength flame retardant adhesive bonds well to surfaces. Repositionable and clean removal.	Carpet installation in passenger areas for aircraft, automotive, or marine applications. Multi-purpose mounting and bonding. <b>Additional delivery option available: 1112FR with liner on low-adhesion side.</b>  <i>FAR 25.853(a); Airbus ABD0031, Para 7.2 &amp; 7.4; Boeing BMS 5-133 Type IV, Class 1</i>	3.9 0.099		<i>Floor/Air</i> 42 4.60  <i>Carpet/Liner</i> 27 152.6 126 13.80	4.5 152.6	20 - 180 -7 - 82	Black/ Gray
<b>Polyken 105C Multi-Purpose Carpet Tape</b>								
Non-FR Cloth w/ Rubber Adhesive LDPE or Kraft Liner	Excellent adhesion particularly for rough surfaces. Clean removal. Easy-to-use release liner for smooth unwind.	Temporary carpet installation where FR is not required. Multi-purpose mounting and bonding for general machine and shop handling.  <i>Boeing BAC5034-4 Sec. 5.1a(f)(a)</i>	11.0 0.279	40 4.38	20 35.03	8.8 298.4	40 - 200 4 - 93	Natural

## Mounting Tapes

POLYKEN double-coated film mounting tapes offer a thin, low-profile adhesive that bonds permanently to plastics, aluminum, steel, paper, vinyl and more. Primary applications include mounting signs, placards, decals, and interior trim pieces throughout the aircraft. Also used for temporary hold-down applications, double-coated mounting tapes can secure parts and materials during milling and machine operations.

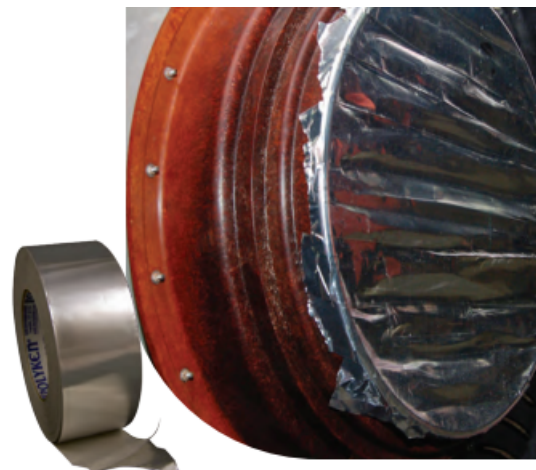


Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Weight oz/sq / g/sm	Operating Temp. °F / °C	Colors
<b>Polyken 36H High-Bond Mounting Tape</b>								
PET Film w/ Acrylic Adhesive Kraft Liner	Excellent adhesion. High shear strength and abrasion resistance. Chemical and moisture resistant. Permanent hold.	Securing signs, placards, decals, and interior trim pieces on aircraft. General purpose mounting and hanging.  <i>Boeing BMS 5-173 Type 1, Class 1, Grade A</i>	4.3 0.109	<i>Air</i> 88 / 9.63  <i>Liner</i> 93 / 10.17	16 28.02	3.8 128.9	30 - 200 -1 - 93	Clear
<b>Polyken 126 Light-Weight Mounting Tape</b>								
PET Film w/ Acrylic Adhesive Kraft Liner	Thin and conformable. Well-suited to high temperature applications. High tack for quick grab to a variety of surfaces.	Temporary bonding for machining and milling of aircraft parts. Securing name plates, face plates, and decorative trim.	3.8 0.097	25 2.74	6.0 10.51	3.0 101.7	0 - 395 -17 - 201	Clear
<b>Polyken 726 Light-Weight Mounting Tape (Red)</b>								
PET Film w/ Acrylic Adhesive Kraft Liner	Thin and conformable. Well-suited to high temperature applications. High tack for quick grab to a variety of surfaces.	Temporary bonding for machining and milling of aircraft parts. Securing name plates, face plates, and decorative trim.	3.8 0.097	25 2.74	6.0 10.51	3.0 101.7	0 - 395 -17 - 201	Red



## Foil & Speed Tapes

POLYKEN offers a variety of foil tapes designed for multiple maintenance and aircraft uses. Applications include heat shielding, surface masking and protection during paint stripping, welding, autoclaving and composites, general repairs, insulation sealing, and more. The POLYKEN assortment features several foil thicknesses to deliver conformability and strength as well as either rubber or acrylic adhesive options to suit the temperature requirements of unique and challenging applications.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Operating Temp. °F / °C
<b>Polyken 345SW Self-Wound Speed Tape</b>						
3 mil Aluminum Foil w/ Acrylic Adhesive	Excellent adhesion. Clean removal from most surfaces. High shear strength and abrasion resistance. Superior chemical and moisture resistance.	Aircraft sealing and masking applications to prevent crazing and hazing during paint stripping. Moisture barrier in the production of military munitions and appliances. Anodizing, electroplating, and composites. <i>FAR 25.853(a); SAE AMS-T-23397B; L-T-80B; Fokker Fk 05-011</i>	5.0 0.127	68 7.44	26 45.53	-40 - 350 -40 - 177
<b>Polyken 347 Lined Speed Tape</b>						
3 mil Aluminum Foil w/ Acrylic Adhesive Kraft Liner	Excellent adhesion. Clean removal from most surfaces. High shear strength and abrasion resistance. Superior chemical and moisture resistance. Available 36" width.	Aircraft sealing and masking applications to prevent crazing and hazing during paint stripping. Moisture barrier in the production of military munitions and appliances. Anodizing, electroplating, and composites. <i>FAR 25.853(a); SAE AMS-T-23397B; L-T-80B; Fokker Fk 05-011</i>	5.0 0.127	68 7.44	26 45.53	-40 - 350 -40 - 177
<b>Polyken 332 Utility Grade Foil Tape</b>						
1.5 mil Aluminum Foil w/ Synthetic Rubber Adhesive Kraft Liner	Exceptional quick-stick. Conformable foil backing. Easy to use and install. Mold and mildew resistant.	Insulation seaming and patching. General repair. <i>UL 723 Classified</i>	3.2 0.081	75 8.21	11 19.26	40 - 200 4 - 93
<b>Polyken 330X High Temperature Foil Tape (260 °F)</b>						
1.75 mil Aluminum Foil w/ Acrylic Adhesive Kraft Liner	Exceptional performance in all temperature environments. Conformable foil backing. Easy to use. High tack. Mold and mildew resistant.	Sealing and masking in extreme heat, extreme cold, and indoor/outdoor conditions in aerospace applications. General patching and repairs. <i>UL 723 Classified; FAR 25.853(a)</i>	3.5 0.089	55 6.02	14 24.52	-35 - 260 -37 - 126
<b>Polyken 335FT High Temperature Foil (500 °F)</b>						
1.75 mil Aluminum Foil w/ Acrylic Adhesive Kraft Liner	Exceptional performance in all temperature environments. Conformable foil backing. Easy to use. High tack. Mold and mildew resistant.	Sealing and patching in extreme heat, extreme cold, and indoor/outdoor conditions in aerospace applications. Surface protection. General patching and repairs.	3.5 0.089	55 6.02	14 24.52	-50 - 500 -65 - 260

## Interior Surface Protection

Featuring clean removal adhesive systems, PATCO interior surface protection tapes are deployed during maintenance operations to protect a variety of aircraft surfaces from scratches, puncture, and exposure to moisture or chemicals. Designed to remove cleanly after the maintenance operations are complete, interior surface protection tapes can be used on control panel surfaces, wood and coated surfaces, fabrics and leather, plastics, metals, and more.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Elongation %	Operating Temp. °F / °C	Colors
<b>Patco 5565FR PE General Surface Protection Tape</b>								
LDPE Film w/ Acrylic Adhesive	Thick and highly conformable. Abrasion, moisture, and solvent-resistant. Clean removal from most surfaces. Excellent all-temperature performance.	Aircraft general surface protection applications on various interior materials during maintenance and repair operations.  <i>FAR 25.853(a)</i>	5.5 0.140	12 1.31	12 21.02	500	-40 - 190 -40 - 88	Clear, Tinted Orange
<b>Patco 8450 PU Heavy-Duty Surface Protection Tape</b>								
Interior-grade PU Film w/ Acrylic Adhesive 94# Kraft Liner	Tough, durable, abrasion-resistant film. Conformable for curves and corners. Excellent aging properties. Solvent-resistant.	Heavy-duty surface protection on most metals and plastics. Squeak and rattle protection. Noise and vibration damping. Moisture barrier.	9.5 0.241	75 8.21	40 70.05	700	-40 - 250 -40 - 121	Black
<b>Patco 3910R PP Interior Surface Protection Tape</b>								
Embossed OPP Film w/ R ubber Adhesive	Conformable and heat-resistant. Does not lift during molding or shaping. Removes cleanly from most surfaces. Smooth, consistent unwind for ease of use.	Aircraft general surface protection applications for control panels, corners, panels, and signs that are subjected to possible damage during maintenance.	4.1 0.104	17 1.86	14 24.52	700	-40 - 325 -40 - 162	Clear, Tinted Red



## Exterior Surface Protection

PATCO offers high performance tapes for protecting the exterior surfaces of aircraft. Applications include high visibility sealing and protecting critical static ports, direct protective mask during paint or cleaning operations, preservation and sealing during transport or storage, and leading edge protection to prevent chips and damage that can reduce aircraft efficiency. Designed for use outdoors, exterior surface protection tapes hold up to the elements during both short and long-term exposure uses.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Elongation %	Operating Temp °F / °C	Colors
<b>Patco 5030 PE Static Port Protection Tape</b>								
PE Film w/ Acrylic Adhesive	UV-resistant, clean removal for up to 28 days. Firm bond with no edge bleed. Resists citrus cleaners. High visibility colors. Excellent all-temperature performance.	High visibility static port protection. Temporary indoor/outdoor surface protection. Color coding and parts marking. General purpose sealing.	5.5 0.140	50 5.47	11 19.26	400	-40 - 190 -40 - 88	Gloss Yellow, Orange, Red
<b>Patco 5410 PE Long-Term Outdoor Protection Tape</b>								
UV-Stable LDPE Film w/ Rubber Adhesive	UV and weather-resistant. Excellent low temperature adhesion. Chemical and abrasion resistant.	Long-term preservation, sealing, and splicing applications. Direct protective mask on aircraft. Used in conjunction with outdoor shrink film for extended outdoor equipment storage.	9.0 0.229	25 2.74	17 29.77	600	-40 - 200 -40 - 93	White
<b>Patco 8300 PU Leading Edge Protection Tape</b>								
Exterior-grade PU Film w/ Acrylic Adhesive 94# Kraft Liner	Clear, non-yellowing film backing. Excellent long-term aging. Will not lift, stain, or dry-out. Superior conformability and ease-of-use.	Exterior surface protection film for aircraft leading and trailing edges. Protects aluminum skin from foreign object damage and rain erosion.	14.5 0.368	110 12.03	80 140.10	500	-40 - 275 -40 - 135	Clear

Fokker FK05-193

## Masking Tapes

Whether masking fine color separations, bulk masking for power washing or paint line applications, media blast masking protection, or protecting composites during manufacture, POLYKEN & PATCO offer engineered masking tape solutions providing the right balance of conformability, high temperature bonding, moisture and solvent resistance, and clean removal every time.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Elongation %	Operating Temp. °F / °C	Colors
<b>Polyken 253 Media Blast Protection Tape</b>								
PE Coated Cloth w/ Rubber Adhesive	Extremely tough and durable backing withstands media blast exposure. High bond rubber adhesive holds strong to smooth or rough surfaces.	Temporary surface protection for sheet metal, aluminum, and other materials during sand blast or other media blast operations. Heavy-duty bundling, sealing, and patching.	12 0.330	95 10.39	50 87.56	N/A	40 - 200 4 - 93	Silver, Black
<b>Patco 179 High Temp PVC Finline Masking Tape</b>								
PVC Film w/ Rubber Adhesive	Conformable to handle compound curves and details. Matte, glare-free finish. Solvent-resistant. High temperature performance. Clean removal from most substrates.	Finline masking on plastic fascia, trim, and finished metals during paint line and power wash operations. Short-term outdoor masking (<72 hrs). Electroplating and metal anodizing.	5.5 0.140	15 1.64	15 26.27	100	40 - 280 4 - 138	Blue (Matte)
<b>Patco 1676 High Temp PVC Finline Masking Tape</b>								
PVC Film w/ Rubber Adhesive	Conformable to handle compound curves and details. Strong tack and adhesion. Solvent-resistant. High temperature performance. Clean removal from most substrates.	OEM and aftermarket fineline masking. Paint line and power wash masking. Aircraft and clean room paint masking.	5.5 0.140	24 2.63	16 28.02	110	40 - 280 4 - 138	Light Blue
<b>Patco 1776 High Temp PVC Finline Masking Tape</b>								
PVC Film w/ Rubber Adhesive	Extreme high temperature performance. Tough and conformable. Moisture and solvent-resistant. Repositionable. Clean removal from most substrates. Low stretch film.	OEM and aftermarket fineline masking. Paint line and power wash masking.	5.5 0.140	22 2.41	17 29.77	190	40 - 325 4 - 162	Yellow (Matte)
<b>Patco 3305 High Temp PP Finline Masking Tape</b>								
Embossed OPP Film w/ Urethane Adhesive	Translucent for easy application. Tough and conformable - doesn't wrinkle on curves and corners. Moisture and solvent-resistant. Repositionable. Clean removal from most substrates.	OEM and aftermarket fineline masking. Masking color separations on plastic, aluminum, steel, and fiberglass. Suitable for bake cycles of up to 280 °F for 45 minutes.	5.0 0.127	30 3.28	13 22.77	700	-40 - 250 -40 - 121	Green
<b>Polyken 781 PET Composite Protection Tape</b>								
PET Film w/ Silicone Adhesive	Tough polyester film backing. Excellent adhesion to silicone-coated materials. Excellent shear strength and adhesion. Resists high temperatures and offers excellent chemical resistance. Self wound construction.	Mask and protect surfaces during anodizing and chemical milling. Composite molding applications.	2.8 0.071	35 3.83	25 43.78	130	0 - 395 -18 - 202	Blue, Red

## Cloth Tapes

POLYKEN is a pioneer in the development of high performance cloth tapes for repair, bundling, color coding and marking, hanging and sealing PE sheeting, duct sealing, and more. POLYKEN multi-purpose duct tapes, military-grade duct tapes, and matte-finish clean removal gaffer tapes perform in a wide range of aircraft maintenance facility uses.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Operating Temp. °F / °C	Colors
<b>Polyken 203 Multi-Purpose Duct Tape</b>							
PE Coated Cloth w/ Natural Rubber Adhesive	Good balance of adhesion, tensile, and tack. Excellent tear. Stiff adhesive offers clean removability from most surfaces.	Bundling, packaging, seaming, and general repairs. Color coding.	9.0 0.229	85 9.30	27 47.28	40 - 200 4 - 93	Silver, Black, White, Red, Blue, Green, Olive Drab, Brown, Yellow
<b>Polyken 231 Premium Military Grade Duct Tape</b>							
PE Coated Cloth w/ Natural Rubber Adhesive	Durable, waterproof backing. Extra high adhesion for permanent bonds. Crisp, straight tear.	Premium grade duct tape for packaging, sealing, and waterproofing. <i>Meets ASTM D-5486 Type IV, Class I; Douglas DPM 871-3</i>	12.0 0.305	95 10.39	50 87.56	40 - 200 4 - 93	Olive Drab, Black
<b>Polyken 222 Premium Duct Tape</b>							
PE Coated Cloth w/ Rubber Adhesive	Durable, waterproof backing. Extra high adhesion for permanent bonds. Crisp, straight tear.	Premium grade duct tape for packaging, sealing, and waterproofing.	12.0 0.305	90 9.85	36 63.05	40 - 200 4 - 93	Olive Drab, Silver
<b>Polyken 510 Premium Gaffer Tape</b>							
Matte-Finish Coated Cloth w/ Natural Rubber Adhesive	Durable, matte-finish, printable backing. High adhesion and high shear. Clean removal from most surfaces.	Indoor/Outdoor wire hold-down. Color coding. Marking hazards. Parts identification.	11.5 0.292	50 5.47	42 73.55	40 - 200 4 - 93	Black, White, Gray, Beige, Burgundy, Navy Blue, Red, Green, Yellow, Brown, Tan, Teal, Olive Drab, Royal Blue, Purple, Neon (Org, Pnk, Grn, Yel)
<b>Polyken 512 Multi-Purpose Gaffer Tape</b>							
Matte-Finish Coated Cloth w/ Synthetic Rubber Adhesive	Durable, matte-finish, printable backing. High adhesion and high shear. Clean removal from most surfaces.	Indoor/Outdoor wire hold-down. Color coding. Marking hazards. Parts identification.	12.0 0.305	66 7.22	40 70.05	40 - 200 4 - 93	Black, White, Gray, Beige, Red, Brown, Yellow, Neon Orange



## PE Film Tapes

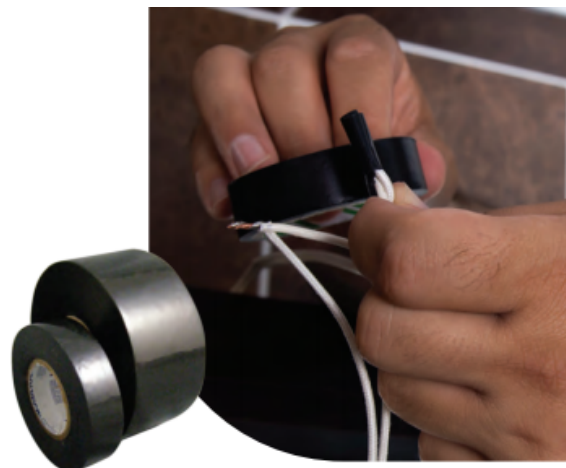
POLYKEN offers an exceptional range of polyethylene film tapes for indoor and outdoor uses such as hanging, sealing, seaming, patching, and repairing polyethylene sheeting and tarps. PE film tapes are ideal for temporary attachment of work orders, protective materials, labels, or placards, and can also be used to hang and seal sheeting materials to create FR and non-FR temporary containment areas during cleaning and maintenance operations.



Product Construction	Features	Applications/ Specifications	Thickness mil /mm	Adhesion to Steel oz/in /N/cm	Tensile Strength lb/in /N/cm	Elongation %	Operating Temp. °F / °C	Colors
<b>Polyken 759 Heavy-Duty PE Film Tape</b>								
PE Film w/ Synthetic Rubber Adhesive	Conformable. Thick and durable. Strong bond to poly sheeting. Excellent shear strength.	Heavy-duty polyethylene splicing and hanging. Creating temporary enclosures and containment areas. Seals shrink wrap for equipment storage. Temporary surface protection. Dissimilar metal separation.	9.0 0.229	85 9.30	30 52.54	65	40 - 200 4 - 93	Clear, Red, White
<b>Polyken 767UV Multi-Purpose Outdoor PE Film Tape</b>								
PE Film w/ Synthetic Rubber Adhesive	UV-resistant for up to 28 days of exposure. Removes cleanly from most surfaces. Excellent adhesion and tack.	Outdoor seaming, sealing, and hanging of poly sheeting. Creating temporary enclosures and containment areas. Seals shrink wrap for equipment storage. Dissimilar metal separation. Temporary outdoor surface protection.	7.0 0.178	75 8.21	25 43.78	85	20 - 200 -7 - 93	Red, White
<b>Polyken 769UV Heavy-Duty Outdoor PE Film Tape</b>								
PE Film w/ Synthetic Rubber Adhesive	UV-resistant for up to 28 days of exposure. Removes clean from most surfaces. Excellent adhesion and tack. Strong, heavy-duty backing resists abrasion and the elements.	Outdoor seaming, sealing, and hanging of poly sheeting. Creating temporary enclosures and containment areas. Seals shrink wrap for equipment storage. Dissimilar metal separation. Temporary outdoor surface protection.	9.0 0.229	85 9.30	32 56.04	70	20 - 200 -7 - 93	Red, White
<b>Polyken 127FR Flame Retardant PE Film Tape</b>								
PE Film w/ Synthetic Rubber Adhesive	Strong bond to poly sheeting. Flame retardant performance. Removes cleanly from most surfaces. Excellent shear strength. Low permeability.	Ideal for seaming, sealing, and patching flame retardant PE sheeting for temporary enclosures and containment areas where sparks or flame may be present. Bonding, patching, and repairs where FR is required. Can be certified as an FR tape for aircraft interior general purpose uses.	7.0 0.178	75 8.21	25 43.78	85	20 - 200 -7 - 93	White, Blue
NFPA-701, FAR 25.853(a)								
<b>Polyken 129FR Heavy-Duty Flame Retardant PE Film Tape</b>								
PE Film w/ Synthetic Rubber Adhesive	Strong bond to poly sheeting. Flame retardant performance. Removes cleanly from most surfaces. Excellent shear strength. Strong, heavy-duty backing resists abrasion and the elements. Low permeability.	Ideal for seaming, sealing, and patching heavy flame retardant PE sheeting for temporary enclosures and containment areas where sparks or flame may be present. Bonding, patching, and repairs where FR is required. Can be certified as an FR tape for aircraft interior general purpose uses.	9.0 0.229	85 9.30	30 56.04	65	20 - 200 -7 - 93	White, Blue
NFPA-701, FAR 25.853(a)								

## Electrical Tapes

Utilizing our adhesive engineering experience for the automotive industry, POLYKEN offers a number of products uniquely suited for sealing, wrapping, splicing, and protecting electrical wires and harnesses used in the aerospace industry.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel cal/in / N/cm	Tensile Strength lb/in / N/cm	Operating Temp. °F / °C	Colors
<b>Patco 1800 Heavy-Duty Electrical Tape</b>							
PVC Film w/ Acrylic Adhesive Kraft Liner	Economical moisture protection. Conformable. Compatible with most sealants. Forms a permanent bond.	Heavy-duty electrical wrapping and splicing. High and low temperature applications.  <i>FAR 25.853(a)</i>	9.5 0.241	50 5.47	25 43.78	-40 - 200 -40 - 93	Black
<b>Polyken 823 Premium Electrical Tape</b>							
PE Film w/ Rubber Adhesive	Superior extreme weather performance including sub-zero conditions. Provides maximum electrical insulation properties up to 11500V. Resists solvents, moisture, and abrasion.	Electrical and maintenance applications where PVC materials are not permitted. Wrapping and waterproofing wire harnesses.  <i>UL 510 Classified; Douglas DPM 881</i>	9.5 0.241	31 3.39	17 29.77	-40 - 180 -40 - 82	Black
<b>Berry 777 General Purpose Electrical Tape</b>							
PVC Film w/ Rubber Adhesive	Excellent stretch and conformability. Good adhesion. No flagging or lifting. 600V/wrap dielectric strength.	General purpose wrapping and splicing for electrical wires. Color coding.  <i>UL 510 Classified</i>	7.0 0.178	20 2.19	18 31.52	40 - 180 4 - 82	Black
<b>Berry B17 General Purpose Electrical Tape</b>							
PVC Film w/ Rubber Adhesive	Excellent stretch and conformability. Good adhesion. No flagging or lifting. 9500V dielectric strength.	General purpose wrapping and splicing for electrical wires. Color coding.  <i>UL 510 Classified</i>	7.0 0.178	25 2.74	20 35.02	40 - 180 4 - 82	Blue, Green, White, Red, Yellow
<b>Stretch &amp; Seal Self-Fusing Silicone Sealing Tape</b>							
Self-Fusing Silicone Film Clear Film Liner	High temperature resistance. Bonds well even in wet conditions. Excellent abrasion resistance and dielectric strength. Removes cleanly - leaves no residue.	Wrapping applications including electrical, tight-duty pipe wrapping, plumbing and waterproofing. Excellent for temporary bundling and clamping. Wrap tool handles to form an instant grip.  <i>UL 510 Classified; A-A-59163 Type I and II</i>	20.0 0.508	N/A	800 psi	-60 - 500 -51 - 260	Black, Clear, White, Blue














# socomore



## SOCOMORE DEGREASERS AND CLEANERS

Socomore has developed a wide range of aqueous **cleaning solutions** for all types of materials that can be used as effective alternatives to solvents used for surface preparation.

This range is designed for inter-operation or **critical degreasing** prior to various treatment processes (NDT, painting etc.) and covers all application methods (spray washing, watertight washing machines, spraying, immersion with or without ultrasound, brushing etc.).

Product name	Description	pH 100%	Process concentration	Process temperature	Application method	Approvals / Specifications*
<b>ADISSOL</b>	Anti-foaming surfactant additive for aqueous degreasers.		0.1 %	40-80°C.	Immersion	SAFRAN, SNCF, SNECMA (SAFRAN Group)
<b>COMORAL DSP</b>	Alkaline inter-operation degreaser for all types of metal.		2 to 4 %	30-50°C	Spray washing	SAFRAN, SNCF, SNECMA, TURBOMECA (SAFRAN Group)
<b>COMORAL DXP</b>	Alkaline inter-operation degreaser for all types of metal.		2 to 10 %	40-80°C	Spray washing	AIRBUS, AIRBUS HELICOPTERS, DGA
<b>DG-KLEEN</b>	Alkaline inter-operation degreaser for all types of metal.		5 to 10 %	68-74°C	Spray washing	AIR CANADA, CFM, GE, HONEYWELL, IAE, NATO, PRATT & WHITNEY, ROLLS-ROYCE, ARP 1755, TURBOMECA (SAFRAN Group)
<b>FLOCULAC L</b>	Flocculant cleaner for water recycling systems in spray painting booths.		0.5 to 1 %	Room temperature	Immersion	
<b>SOCOCLEAN A2501</b>	Degreaser and cleaner prior to painting and bonding of metal and composite material surfaces.		Pure	Room temperature	Spraying, brushing or wiping	BOEING D6, RENAULT
<b>SOCOCLEAN A2519</b>	Product for removing excess sealant.		Pure	Room temperature	Wiping	BOEING D6
<b>SOCOCLEAN A2711</b>	Acid cleaner for aircraft exteriors.		Pure	Room temperature	Spraying	BOEING D6, AMS 1640B
<b>SOCOCLEAN A3431</b>	Alkaline degreaser for removing oil and grease prior to surface treatment on all types of metals.		3 to 10 %	40-45°C	Immersion	SAFRAN
<b>SOCOCLEAN A3432</b>	Borate and silicate free alkaline degreaser, for eliminating oil, ink and temporary protection from aluminium, titanium and stainless steel alloys.		8 to 12 %	25 à 55°C	Immersion	
<b>SOCOCLEAN SHINE</b>	Polish (dry wash) and solvent free water based cleaner, no rinsing required.		Pure	Room temperature	Brushing or wiping	BOEING D6, AIMS 09-00-002 & AMS 1650C

## SOCOMORE PAINT STRIPPERS

Socomore has formulated state of the art **paint strippers** that are NMP, NEP and chlorinated solvent free, for use by immersion or spraying. All the **paint strippers** are free of phenol and chromate. The solutions have been developed for application on different substrates such as composite materials, steel and aluminum, titanium and magnesium alloys.

### Liquid paint strippers

Product name	Description	Chemistry	Process concentration	Process temperature	Application method	Approvals / Specifications*
<b>COMORCAP T4551</b>	Paint stripper for epoxy and polyurethane paint, can be used on all types of metal.	Benzyl alcohol with <b>alkaline</b> activation	Pure	20-60°C	Immersion	AIRBUS HELICOPTERS, BOEING D6, SNECMA (SAFRAN Group)
<b>HDL 202</b>	Paint stripper for aluminized paint, can be used on steel.	Strong liquid <b>alkaline</b>	30 to 40 %	82-93°C	Immersion	CFM, GE, HONEYWELL, IAE, NATO, PRATT & WHITNEY, ROLLS ROYCE, SNECMA, TURBOMECA (SAFRAN Group)
<b>KEMSTRIP 600</b>	Hot immersion paint stripper for alkyd, polyurethane, epoxy & acrylic paints, etc. Can be used on steel and aluminium and magnesium alloys.	Solvent based with <b>alkaline</b> activation	Pure	80-115°C	Immersion	ASTM F 945-06, SNECMA (SAFRAN Group), SAE
<b>SOCOSTRIP A4554</b>	Immersion paint stripper for several types of paint such as glycerol, polyurethane, epoxy & urethane alkyd paint, etc. Can be used on all types of metals and parts.	Solvent based with <b>alkaline</b> activation	Pure	60-105°C	Immersion	BOEING D6, SNECMA (SAFRAN Group)
<b>SOCOSTRIP T4210P</b>	Paint stripper for removing graffiti from all types of metal, whether coated with polyurethane and epoxy paint or uncoated.	Solvent based	Pure	Room temperature	Spraying, brushing or wiping	SNCB, SNCF
<b>SOCOSTRIP T4212</b>	Paint stripper for removing graffiti and adhesive residue from all types of metal, whether coated with polyurethane and epoxy paint or uncoated.	Solvent based	Pure	Room temperature	Wiping	SNCF, RATP
<b>SOCOSTRIP T4213</b>	Paint stripper for removing graffiti from metal and polyurethane and epoxy paint.	Solvent based	Pure	Room temperature	Spraying or wiping	SNCF

### Gel paint strippers

Product name	Description	Chemistry	Process concentration	Process temperature	Application method	Approvals / Specifications*
<b>SOCOSTRIP A0102N</b>	Gel-type paint stripper for intermediate coat paint systems, for use on all metal and composite materials.	Benzyl alcohol base with <b>alkaline</b> activation	Pure	18-35°C	Spraying or brushing	AIRBUS, AIR FRANCE, ATR, BOEING D6
<b>SOCOSTRIP A0103N</b>	Gel-type paint stripper for epoxy and polyurethane paint systems, for use on all types of metal except magnesium.	Benzyl alcohol base with <b>hydrogen peroxide</b> activation	Pure	18-35°C	Spraying or brushing	AIRBUS, AIRBUS HELICOPTERS, ATR, BOEING D6, BOMBARDIER, CAAC, CESSNA, DASSAULT AVIATION, DELTA, DGA, EMBRAER, HAWKER BEECHCRAFT, PILATUS AIRCRAFT, SNECMA (SAFRAN Group)
<b>SOCOSTRIP A0105N</b>	Gel-type paint stripper for epoxy and polyurethane paint systems, for use on all types of metal except magnesium.	Benzyl alcohol base with <b>hydrogen peroxide</b> activation	Pure	25-35°C	Spraying or brushing	BOEING D6
<b>SOCOSTRIP A0212</b>	Gel-type paint stripper for epoxy and polyurethane paint systems, for use on aluminium alloy.	Benzyl alcohol base with <b>acid</b> activation	Pure	18-35°C	Spraying or brushing	AIRBUS, AIRBUS HELICOPTERS, ATR, SNCF, SNECMA (SAFRAN Group)

## SOCOMORE TECHNICAL WIPES

Thanks to over 40 years of experience in the formulation of **solvents and degreasers**, combined with knowledge in the field of textiles over the last 10 years, **Socomore** has perfected specific pairings of innovative and high performance **cloths & pre-saturation solutions** for the removal of ink, grease, oil, sealant, wax, adhesive, temporary protection and CIC, dust etc. They are adapted to the clients' requirements and are approved by the major companies in the aeronautical, automotive, rail and energy industries for cleaning prior to painting or bonding, inter-operations or general cleaning.

**Socomore** has combined the manufacturing of chemical solutions, wipe cutting, saturation and packaging operations within the factories to ensure complete product control, complete traceability and wide-ranging adaptability to the client's requirements.

### Pre-saturated Wipes








Our wipes are saturated with **SOCOMORE** formulated solvents (DIESTONE, HYSO and SOCOSOLV solvent ranges), water based solutions (SOCOCLEAN range) and raw materials (MEK, IPA, Heptane).

The wipes will help you to improve your environmental performance by reducing the quantity of solvents used, VOC<sup>(2)</sup> emissions and waste.

Product name	Description	Cloth type	Weight	Pre-saturation solutions	Approvals / Specifications*
<b>PROSAT (CONTEC)</b>	<i>For surface preparation prior to painting.</i>	Polypropylene. Non-woven. Folded in four. Flat packs.	36 gr/m <sup>2</sup>	DIESTONE DLS, HEPTANE, IPA, IPA 85/15, IPA 70/30, WS 40, etc).	ASTON MARTIN, FAURECIA, DAIMLER, CHRYSLER, FORD, GENERAL MOTORS, TOYOTA, DIAMOND AIRCRAFT, HONDA, MERCEDES AMERICAN FREIGHTLINER, PETERBILT TRUCK, THOMAS BUILT BUS, TIFFIN MOTORCOACH
<b>SATWIPES C86 (CONTEC)</b>	<i>For removing excess sealant and surface preparation prior to bonding and painting.</i>	100 % viscose. Non-woven. Pre-cut rolls or flat packs.	60 gr/m <sup>2</sup>	Large variety of solvents and solvent mixtures available (DIESTONE DLS, DIESTONE D, HEPTANE, IPA, IPA 70/30, IPA 85/15, etc).	Meets the requirements of AMS 3819 C and BMS 15-5G
<b>SOCOSAT 15100</b>	<i>For preparing highly abrasive or riveted painted or un-painted surfaces (metal or composite materials) prior to painting.</i>	100 % polyester. Knitted, does not run. Flat packs.	110 gr/m <sup>2</sup>	Large variety of solvents, solvent mixtures and water based degreasers available (DIESTONE DLS, DIESTONE A8284, SOCOCLEAN AQUAFORTE, DIESTONE R, etc).	AIRBUS
<b>SOCOSAT 180</b>	<i>For removing excess sealant and surface preparation prior to bonding and painting.</i>	100 % viscose. Non-woven. Pre-cut rolls.	50 gr/m <sup>2</sup>	Large variety of solvents and solvent mixtures available (DIESTONE DLS, DIESTONE D, HEPTANE, IPA, IPA	RENAULT
<b>SOCOSAT P45</b>	<i>For removing excess sealant. Associated with SOCOCLEAN A2519 or SOCOCLEAN I2478, VOC free solvent.</i>	100 % polyester. Non-woven. Pre-cut rolls.	45 gr/m <sup>2</sup>	Large variety of solvents and solvent mixtures available (DIESTONE DLS, SOCOCLEAN I2478, etc).	GRUPE BENETEAU, AIRBUS
<b>SOCOSAT PPA60</b>	<i>For surface preparation prior to painting and cleaning fine dust (composite materials).</i>	Microfilament, polyester, polyamide. Non-woven. Folded in 4. Flat packs.	60 gr/m <sup>2</sup>	Solvent and water-based solutions	
<b>SOCOSAT PPA80</b>	<i>For preparing highly contaminated, riveted or abrasive large surfaces prior to painting.</i>	Microfilament, polyester, polyamide. Non-woven. Pre-cut rolls.	80 gr/m <sup>2</sup>	Large variety of solvents and solvent mixtures available (DIESTONE DLS, DIESTONE A8284, etc).	SAE - Assessed according to AMS 3819C
<b>SOCOSAT VP80</b>	<i>For surface preparation prior to painting and other cleaning operations on large surfaces &gt; 1m<sup>2</sup>.</i>	Viscose, polyester. Non-woven. Pre-cut rolls.	80 gr/m <sup>2</sup>	Large variety of solvents and solvent mixtures available (DIESTONE DLS, DIESTONE D, HEPTANE, IPA, IPA 70/30, IPA 85/15, etc).	- Complies with BOEING-17487 paint adhesion test performed using DIESTONE DLS. - Assessed according to AMS 3819C



## SOCOMORE DEGREASERS AND CLEANERS

Product name	Description	pH 100%	Process concentration	Process temperature	Application method	Approvals / Specifications*
<b>SOCOCLEAN A3433</b>	Neutral degreaser that can be used on inter-operations prior to NDI, surface treatment and painting. Suitable for all types of metals.		3 to 10 %	40-80°C	Spray washing	MESSIER-DOWTY (SAFRAN Group), SAFRAN
<b>SOCOCLEAN AQUAFORTE</b>	Degreaser for general cleaning and degreasing prior to painting on all metal, composite and plastic materials.		Pure	Room temperature	Spraying, brushing or wiping	AIRBUS
<b>SOCOCLEAN I2478</b>	Product for removing excess sealant.		Pure	Room temperature	Wiping	
<b>SOCOCLEAN PC1</b>	Cleaning thinner for paint application equipment and circulating systems using water-dilutable and water based paints.		Pure	Room temperature	Spraying, brushing or wiping	
<b>SOCOCLEAN T3430</b>	Alkaline degreaser / descaler for use on all types of metal.		3 to 10 %	40-80°C	Spraying or immersion	SNCF
<b>SOCOMUL A2220</b>	Surfactant additive for optimising degreasing baths.		1%	40-60°C	Immersion	
<b>SOLUWAX</b>	Alkaline degreaser that can be used on all types of metal.		10 to 20 %	50-80°C	Immersion	AIR CANADA, BF GOODRICH, CFM INTERNATIONAL, GE, HONEYWELL, IAE, MTU, NATO, PRATT & WHITNEY, ROLLS-ROYCE, SAFRAN, SNECMA, TURBOMECA (SAFRAN Group)
<b>SYNCLAIR A/C</b>	Alkaline degreaser for exterior aircraft cleaning, degreasing of parts prior to surface treatment and degreasing of parts in inter-operations. Can be used on all metals, materials and painted surfaces.		5 to 20 %	Room temperature to 55°C	Spraying, immersion, brushing or wiping	AIR CANADA, AIR FRANCE, AIRBUS, AIRBUS HELICOPTERS, BOEING, BOEING D6, CAAC, DGA, OTAN, PRATT & WHITNEY, SABENA, AMS 1526C, AMS 1535C & ARP 1755B, SAFRAN, SNECMA, TURBOMECA (SAFRAN Group)
<b>SYNCLAIR A2 GEL</b>	Gel-type degreaser for external cleaning of aircraft fuselage, landing gear, landing gear bays, wheels and thrust inverters.		Pure	Room temperature	Spraying	AIR CANADA, AIR FRANCE, AIRBUS, AIRBUS HELICOPTERS, BOEING D6, COMAC, DASSAULT AVIATION, DGA, SAE, PRATT & WHITNEY, SABENA, AMS 1523A & 1535C, SAFRAN, SNECMA, TURBOMECA (SAFRAN Group)

## SOCOMORE TECHNICAL WIPES

### *Tack cloths for dust removal*

Product name	Description	Cloth type	Saturation solution
<b>TAXFRE (CONTEC)</b>	<i>Suitable for removing dust prior to painting and bonding, and final dust removal after sanding.</i>	100 % polyester. Non-woven.	Low saturation of synthetic resin

Dry or pre-saturated wipes are available in rolls or flatpacks in various sizes to meet the requirements of our clients. They adapt to fit dispensers to facilitate ease of storage and use.

### *Wipe dispensers*

Product name	Associated wipes
<b>CANISTER</b>	<i>For SATWIPEs, SOCOSAT I80 and P45</i>
<b>METAL CANISTER</b>	<i>For SOCOSAT E, I80 and P45</i>
<b>WALL MOUNTED DISPENSER</b>	<i>For SOCOWIPES VP50</i>
<b>FREE-STANDING WINDER</b>	<i>For SOCOWIPES</i>
<b>MINI JUMBO</b>	<i>For SATWIPEs C86 and SOCOSAT VP60</i>
<b>JUMBO</b>	<i>For SATWIPEs C86</i>
<b>JUMBO (24 09 - 24 16)</b>	<i>For SOCOSAT VP80 and PPA 80</i>
<b>FLATPACK</b>	<i>For SATWIPEs</i>

WALL MOUNTED DISPENSER



FREE-STANDING WINDER



JUMBO/MINI JUMBO



METAL CANISTER



FLATPACK



CANISTER



## SOCOMORE TECHNICAL WIPES

### Dry wipes

Our range of dry technical wipes is designed for cleaning of painting and sealing equipment, wipe-off and polishing operations.



Product name	Description	Cloth type	Approvals / Specifications*
<b>CLEAN TUBE (CONTEC)</b>	<i>Facilitates the cleaning of excess sealant. Manufactured in a Class 10 cleanroom. Can be washed and reused. Available with a smooth or embossed surface.</i>	100 % polyester. Knitted. Tubular form.	DAIMLER CHRYSLER, FORD, GENERAL MOTORS, TOYOTA, AUTO ALLIANCE, HONDA, MERCEDES, SUBARU
<b>POLYWIPES (CONTEC)</b>	<i>Good absorption of solvents. Abrasion resistant. Manufactured and packaged in a Class 10 cleanroom. Low rate of particle and lint release.</i>	100 % polyester. Knitted, does not run. Flat packs.	AIRBUS
<b>QUILTEC (CONTEC)</b>	<i>For cleaning painting tools. Strength and durability is considerably increased by the 2-ply structure. Manufactured and packaged in a Class 10 cleanroom.</i>	100 % woven polyester. Flat packs.	PEUGEOT, AIRBUS
<b>SOCOSHINE</b>	<i>Extremely soft wipe, effective in polishing and finishing operations. Available with or without stitched edge. Washable up to 30 times.</i>	Polyester polyamide microfiber. Flat packs.	FIAT AUTO, ROLLS ROYCE
<b>SOCOWIPES</b>	<i>Technical wiping during surface preparation. It is also very efficient at removing excess sealant.</i>	Non-woven. Polyester cellulose. Pre-cut rolls.	
<b>SOCOWIPES VP50</b>	<i>Technical wiping during surface preparation. It is also very efficient at removing excess sealant.</i>	Non-woven. Polyester viscose. Pre-cut rolls.	
<b>SONTARA AC</b>	<i>Technical wiping. Developed for greater strength and improved performance.</i>	Non-woven. Polyester cellulose. Pre-cut rolls.	AIRBUS, BOEING, BOMBARDIER AEROSPACE, CESSNA, JAPAN DEFENSE AGENCY, PRATT & WHITNEY, SAE, US AIR FORCE, US NAVY
<b>SONTARA EC</b>	<i>Technical wiping. Developed for greater strength and improved performance.</i>	Non-woven. Polyester pulp. Pre-cut rolls.	AIRBUS HELICOPTERS, EADS CASA

## SOCOMORE SURFACE PROTECTION

To meet your **surface protection** requirements, **Socomore** has a range of protective products: washable temporary protection, peelable temporary protection, water based, oily and waxy corrosion inhibitors and release agents. These products can be applied on a wide range of materials (metal or composite, painted or un-painted) for protection against environmental, physical (scratches, shock, climate erosion) or chemical attack (resistance to acidic or alkaline products).

### Corrosion Inhibitor Compounds (CIC)

Product name	Description	Chemistry	Process concentration	Process temperature	Application method	Approvals / Specifications*
<b>SOCOPAC WBP</b>	Long lasting temporary water-repellent and penetration resistant protection.	Water-based	Pure	Room temperature	Spraying, immersion or brushing	
<b>SOCOPAC 25H</b>	Medium term temporary water-repellent and penetration resistant protection.	Resin and wax in hydrocarbon solution	Pure	Room temperature	Spraying or immersion	AIRBUS, AIRBUS HELICOPTERS, DASSAULT AVIATION, DGA, EADS CASA
<b>SOCOPAC 50S</b>	Long term temporary water-repellent protection.	Resin and wax in hydrocarbon solution	Pure	Room temperature	Spraying, immersion or brushing	AIRBUS, DASSAULT AVIATION, DGA, EADS CASA, FORD, LEROY SOMER, SNECMA (SAFRAN Group), SPANAIR, TURBOMECA (SAFRAN Group)
<b>SOCOPAC 65H</b>	Long term temporary water-repellent and penetration resistant protection.	Resin and wax in hydrocarbon solution	Pure	Room temperature	Spraying, immersion or brushing	AIR FRANCE, AIRBUS, BOEING, BOMBARDIER CANADAIR, COMAC, DASSAULT AVIATION, DGA, EADS CASA, ROLLS ROYCE, SNECMA (SAFRAN Group), TURBOMECA (SAFRAN Group)
<b>WADIS 11B</b>	Water-repellent oil for short term protection on all types of metal.	Oil, anti-corrosion and anti-penetration agents in hydrocarbon solution	Pure	Room temperature	Spraying or immersion	TURBOMECA (SAFRAN Group)
<b>WADIS 24/60</b>	Water-repellent oil for short term protection on all types of metal.	Oil, anti-corrosion and anti-penetration agents in hydrocarbon solution	Pure	Room temperature	Spraying, immersion, brushing or wiping	AIRBUS HELICOPTERS, DGA, HISPANO-SUIZA, MESSIER-DOWTY, PRATT & WHITNEY, SNECMA, TURBOMECA (SAFRAN Group)



## SOCOMORE WATER-BASED LUBRICANTS

Socomore has a range of lubricants for use on different materials (metal and elastomeric) for the protection of parts during assembly, forming and drawing operations. Lubricants designed for cable pulling and blowing installations in the energy sector have also enriched the range.

Product name	Description	Process concentration	Process temperature	Application method	Approvals / Specifications**
<b>SOCOLUB S</b>	Anti-adhesive liquid that can be applied on all metal surfaces to avoid welding spatter build-up.	Pure	Room temperature	Spraying	
<b>SOCOLUB VO 690</b>	Liquid lubricant to facilitate tyre fitting and removal.	Pure	Room temperature	Spraying	
<b>SOCOPROTEC V0683</b>	Lubricant used as a slipping agent for elastomers, particularly adapted for the lubrication of metal/rubber interfaces.	Pure	0-60°C	Brushing	PSA PEUGEOT CITROEN
<b>SOCOLUB V0692</b>	Lubricating gel to facilitate tyre fitting and removal.	Pure	Room temperature	Spraying	
<b>SOCOPROTEC V0694</b>	Lubricant used as a slipping agent for elastomers, particularly adapted for the lubrication of metal/rubber interfaces.	Pure	0-60°C	Brushing	PSA PEUGEOT CITROEN
<b>SOCOSTRETCH 10</b>	Water-soluble grease for forming and drawing aluminium alloy parts.	Pure	Room temperature	Spraying, immersion or brushing	AIRBUS, EADS CASA

## SOCOMORE SURFACE PROTECTION

### Chemical Milling Mask

Product name	Description	Chemistry	Process concentration	Process temperature	Application method
<b>AC 972 WB AC PRODUCT</b>	Protection of aluminium and titanium alloy surfaces during chemical milling	Water-based resin solution	Pure	Room temperature	Immersion or spraying
<b>AC-2K MASKANT AC PRODUCT</b>	Protection of aluminium and titanium alloy surfaces during chemical milling	Bi-component product: mixture of polyurethane and isocyanate	Pure	Room temperature	Spraying
<b>SOCOMASK PRT18</b>	Protection of aluminium and titanium alloy surfaces during chemical milling	Resin in toluene based solution	Pure	Room temperature	Immersion or spraying
<b>SOCOMASK PRT2130</b>	Protection of aluminium and titanium alloy surfaces during chemical milling	Resin in toluene based solution	Pure	Room temperature	Immersion or spraying
<b>SOCOMASK T2242</b>	Protection of aluminium and titanium alloy surfaces during chemical milling	Resin in toluene based solution	Pure	Room temperature	Immersion or spraying

### Temporary Protection

Product name	Description	Chemistry	Process concentration	Process temperature	Application method	Approvals / Specifications*
<b>PELLICAL 119 C</b>	Peelable white varnish for spray painting booth walls.	Resin in hydro alcoholic solution	Pure or diluted with DIESTONE S	Room temperature	Spraying or brushing	AIRBUS
<b>PROPACO AP2</b>	Washable corrosion and scratch resistant protection for use on all types of metal, painted or unpainted.	Resin in water based solution	Pure	Room temperature	Spraying, immersion or brushing	COMAC, EMBRAER
<b>PROPACO R</b>	Temporary or definitive protective varnish for metal or plastic parts.	Polymer in hydro alcoholic solution	Pure	5 to 35°C	Spraying, immersion or brushing	SNECMA (Safran Group), TURBOMECA (SAFRAN Group)
<b>PROPACO SC</b>	Washable corrosion and scratch resistant protection for use on all types of metal, painted or unpainted.	Resin in hydro alcoholic solution	Pure	Room temperature	Spraying, immersion or brushing	AIRBUS, DASSAULT AVIATION, DGA

## SOCOMORE SURFACE PROTECTION

### Protection Removal

Product name	Description	Chemistry	Process concentration	Process temperature	Application method	Approvals / Specifications *
<b>DIESTONE DLS</b>	<i>Cleaning and degreasing of metal and composite material surfaces prior to painting, bonding and sealant application.</i>	Oxygenated and aliphatic solvent based blend	Pure	Room temperature	Spraying, brushing, or wiping	AGUSTA WESTLAND, AIR CANADA, AIR FRANCE, AIRBUS, AIRBUS UK, ALenia AERMACCHI, BAE SYSTEMS, BELL HELICOPTER, BOEING, BOMBARDIER CANADAIR, CAAC, CFM, COMAC, DASSAULT AVIATION, DE HAVILLAND, DGA, EADS CASA, EMBRAER, EUROCOPTER, GE, GOODRICH, GULFSTREAM, IAE, MESSIER-DOWTY (SAFRAN Group), NATO, PILATUS, PRATT & WHITNEY, ROLLS-ROYCE, SAAB, ARP 1755B, SAFRAN, SNCF, SNECMA, TURBOMECA (SAFRAN Group)
<b>SOCOSOLV A3582</b>	<i>Colourless gel-type product for removing corrosion inhibitor compounds and grease.</i>	Emulsifiable and thixotropic solvent	Pure	Room temperature	Spraying, immersion or brushing	AIRBUS, AIR FRANCE, BOEING, AMS 1535C, SNCF
<b>SYNCLAIR A2 GEL</b>	<i>Gel-type product for removing temporary washable protection.</i>	Alkaline detergent solution	Pure	Room temperature	Spraying	AIR CANADA, AIR FRANCE, AIRBUS HELICOPTERS, AIRBUS FRANCE, BOEING, COMAC, DASSAULT AVIATION, DGA, AIRBUS HELICOPTERS, AMS 1523A & AMS 1535C
<b>DIESTONE A8284</b>	<i>Cleaning and degreasing of metal and composite material parts and removal of paint, varnish, adhesive, oil, grease, etc.</i>	Oxygenated solvent based blend	Pure	Room temperature	Immersion or wiping	AIRBUS, BOEING, D6, ASTM

### Water-based Corrosion Inhibitor

Product name	Description	Chemistry	Process concentration	Process temperature	Application method	Approvals / Specifications *
<b>CORROTEK</b>	<i>Corrosion inhibitor for the protection of ferrous metals</i>	Water-based and ethanolamine borate based solution	3 to 5 %	60-77°C	Spraying or immersion	AIR CANADA, CFM, EUROCOPTER, GE, HONEYWELL, IAE, PRATT & WHITNEY, TURBOMECA (SAFRAN Group)

### Release Agents









Product name	Description	Chemistry	Process concentration	Process temperature	Application method	Approvals / Specifications *
<b>EUROCOAT</b>	<i>Release agent for production moulds of composite material parts.</i>	97% dry content	Pure	120-180°C	Spraying or wiping	EUROCOPTER

## SOCOMORE SOLVENTS

The formulated **solvents** are part of the historical **Socomore** product range. The large range of formulated **solvents** is designed for numerous applications, such as degreasing and surface preparation operations on all materials, and cleaning of paint application equipment.

The **solvents** take into account changes in Environment, Health & Safety (EH&S) regulations and certain **solvents** in the range are bio-sourced. We have acquired extensive recognition from manufacturers and benefited from numerous approvals due to our expertise in the field of **solvents**.

### Diestone Range

Product name	Description	Chemistry	Flash point ***	VOC / NON VOC**	Application method	Approvals / Specifications *
<b>DIESTONE A8284</b>	For the general cleaning of metal or composite material parts.	Oxygenated solvent based blend		0 %	Immersion or wiping	AIRBUS, BOEING D6, ASTM F1110
<b>DIESTONE A8287</b>	For the cleaning of resin application equipment, as a replacement for acetone, MEK or toluene. Reactivating solvent for cleaning metal or painted surfaces prior to painting.	Aromatic solvent based blend		100 %	Immersion, brushing or wiping	DGA, SAFRAN, TURBOMECA (SAFRAN Group)
<b>DIESTONE A8290</b>	For painting, stripping, manufacturing and assembly workshops. Offers excellent cleaning of equipment for solvent based paints and paint guns.	Oxygenated and aliphatic solvent based blend		100 %	Spraying, brushing or wiping	BOEING D6, AIRBUS HELICOPTERS
<b>DIESTONE D</b>	For cleaning and degreasing of metal and composite material surfaces prior to painting.	Oxygenated and aliphatic solvent based blend		100 %	Spraying, brushing or wiping	AIR FRANCE, AIRBUS, ATR, DASSAULT AVIATION, DGA, EADS CASA, AIRBUS HELICOPTERS, ROLLS-ROYCE, SAFRAN, TURBOMECA (SAFRAN Group)
<b>DIESTONE DLS</b>	For cleaning and degreasing of metal and composite material surfaces prior to painting, bonding and sealant application.	Oxygenated and aliphatic solvent based blend		100 %	Spraying, brushing or wiping	AGUSTA WESTLAND, AIR CANADA, AIR FRANCE, AIRBUS, AIRBUS UK, ALLENIA, AIRBUS HELICOPTERS, AER-MACCHI, BAE SYSTEMS, BELL HELICOPTER, BOEING, BOEING D6, BOMBARDIER CANADAIR, CAAC, CFM, COMAC, DASSAULT AVIATION, DE HAVILLAND, DGA, EADS CASA, EMBRAER, GE, GOODRICH, GULF STREAM, IAE, NATO (OTAN), PILATUS, PRATT & WHITNEY, ROLLS-ROYCE, SAAB, ARP 1755B, SAFRAN, SNCF, MESSIER-DOWTY, SNECMA, TURBOMECA (SAFRAN Group)
<b>DIESTONE DLS/UV</b>	For cleaning and degreasing of metal and composite material surfaces prior to painting and bonding.	Oxygenated and aliphatic solvent based blend		100 %	Wiping	
<b>DIESTONE E</b>	For painting, stripping, manufacturing and assembly workshops. Offers excellent cleaning of equipment for solvent based paints and paint guns.	Oxygenated solvent based blend		100 %	Spraying, brushing or wiping	
<b>DIESTONE G11</b>	Cleaning thinner for paint application equipment and circulating systems using water-based paints.	Oxygenated solvent based blend		70 %	Spraying, brushing or wiping	



## SOCOMORE SOL-GELS AND CONVERSION SOLUTIONS

Socomore works with its partners and manufacturing clients to develop innovative solutions that allow, through their technical and environmental performance, the elimination of chromium from painting processes.



### Sol-gels

Socomore Sol-gels are **aqueous solutions** of metallic alkoxides, which form a polymerised network through a double reaction of hydrolysis and condensation. They can be used on metallic and composite surfaces **as adhesion enhancers and/or protective coatings**, prior to painting or bonding, with the option of anti-corrosion, anti-scratch, anti-erosion, anti-soiling or aesthetic properties.

Product name	Description	Application method	Polymerisation temperature	Approvals / Specifications*
<b>SOCOGEL A0104</b>	Chromium salt free <b>protective coating and adhesion enhancer</b> with <b>intrinsic anti-corrosion properties</b> for use on aluminium and titanium alloys prior to painting.	Spraying, wiping or immersion	110°C	
<b>SOCOGEL A0203 BLUE</b>	Chromium salt free <b>adhesion enhancer</b> for use on aluminium and titanium alloys prior to painting. Compatible with stainless steel and composite materials.	Spraying	Room temperature	AIRBUS
<b>SOCOGEL B0102</b>	Chromium salt free <b>adhesion enhancer</b> for use on aluminium and titanium alloys prior to bonding. Compatible with stainless steel and composite materials.	Spraying, wiping or immersion	From room temperature to 60°C	BOEING, AIRBUS HELICOPTERS
<b>SOCOGEL B0202</b>	Chromium salt free <b>adhesion enhancer</b> for use on aluminium and titanium alloys prior to painting. Compatible with stainless steel and composite materials.	Spraying, wiping or immersion	From room temperature to 60°C	BOEING, COMAC, DASSAULT AVIATION
<b>SOCOGEL B0202 BLUE</b>	Chromium salt free <b>adhesion enhancer</b> for use on aluminium and titanium alloys prior to painting. Compatible with stainless steel and composite materials.	Spraying, wiping or immersion	From room temperature to 60°C	BOEING, COMAC
<b>SOCOGEL HCP</b>	Chromium salt free <b>protective coating and adhesion enhancer</b> with <b>intrinsic anti-corrosion properties</b> for use on aluminium and titanium alloys prior to painting.	Spraying or immersion	110°C	




### Conversion Solutions

The SOCOMORE chromium III-based **post-anodising conversion and sealing process** is an alternative for manufacturers, industrialists and their sub-contractors, who are seeking to replace their chromium VI baths with a solution that has the same level of effectiveness on aluminium and magnesium alloys.







Product name	Description	PH 100%	Process temperature	Application method
<b>SOCOSURF PACS</b>	Chromium VI free passivating rinse following conversion or anodization process. Can be used on aluminium and magnesium, after SOCOSURF TCS.		20-30°C	Immersion
<b>SOCOSURF TCS</b>	Chromium VI free conversion or sealing treatment following anodization process. Can be used on aluminium and magnesium.		35-45°C	Immersion

## SOCOMORE SOLVENTS

### Socosolv Range









Product name	Description	Chemistry	Flash point***	VOC / NON VOC**	Application method	Approvals / Specifications*
<b>SOCOSOLV 99/1</b>	Inter-operation degreasing agent for all metal and thermoset composite material surfaces and mechanical parts, even if wet.	Aliphatic and oxygenated solvent based blend		100 %	Spraying, brushing or wiping	AIRBUS, AIRBUS HELICOPTERS, DGA, SAFRAN, TURBOMECA (SAFRAN Group)
<b>SOCOSOLV A3582</b>	Colourless gel-type product for removing corrosion inhibitor compounds and grease.	Emulsifiable and thixotropic solvent		0 %	Spraying, brushing or wiping	AIRBUS, AIR FRANCE, BOEING D6, AMS 1535C, SNCF
<b>SOCOSOLV I8275</b>	For cleaning polyester resin application tools and cleaning prior to painting, bonding, coating and sealant application.	Oxygenated solvent based blend		100 %	Wiping or brushing	

### Other solvents

Product name	Description	Chemistry	Flash point***	VOC / NON VOC**	Application method	Approvals / Specifications*
<b>DS 108</b>	For cleaning and degreasing of metal and composite material surfaces prior to painting, bonding and sealant application.	Ethyl lactate, aliphatic and oxygenated solvent based blend. <b>Bio-sourced product</b>		100 %	Spraying, brushing or wiping	AIRBUS, BOEING COMMERCIAL, BOEING DEFENSE, BOEING/McDONNELL DOUGLAS, BOMBARDIER CANADIAIR, EMBRAER, LOCKHEED MARTIN AERO, LOCKHEED MARTIN SPACE, PRATT & WHITNEY, SAE, U.S. NAVY
<b>DS 801</b>	Environmentally friendly solvent for cleaning spray painting guns and paint application equipment.	Aliphatic and oxygenated solvent based blend			Spraying or immersion	LOCKHEED MARTIN
<b>DS 804</b>	Environmentally friendly solvent for cleaning spray painting guns and paint application equipment.	Aliphatic and oxygenated solvent based blend			Spraying or immersion	BOMBARDIER
<b>D-SOLV</b>	Masking wax remover for galvanising operations.	Hydro treated oils and surfactants based blend		0 %	Immersion	CFM, GE, IAE, OTAN, PRATT & WHITNEY, ROLLS-ROYCE, SNECMA (SAFRAN Group), TURBOMECA (SAFRAN Group)
<b>HYSOMUL MC</b>	Emulsifiable degreaser for eliminating persistent contaminants, burnt oil residues and hardened grease on mechanical parts. Removal of temporary, oily or wax-like protection products.	Solution of hydrocarbon, anionic soaps and alkaline salts		48 %	Spraying or immersion	AIR FRANCE, DGA
<b>SOCOCLEAN A2501</b>	Cleaning and degreasing of metal and composite material surfaces prior to painting and bonding.	Water-based blend based on oxygenated solvents		< 30%	Spraying, brushing or wiping	BOEING, RENAULT







## SOCOMORE SOLVENTS

### Hyso Range

Product name	Description	Chemistry	Flash point* **	VOC / NON VOC**	Application method	Approvals / Specifications*
<b>HYSO 93</b>	Inter-operation degreaser for all metal and thermoset composite material surfaces and mechanical parts, even if wet.	Aliphatic solvent based blend		0 %	Immersion, spraying, degreasing fountain, brushing or wiping	DASSAULT AVIATION, DGA, PRATT & WHITNEY, ARP 1755B, SAFRAN, SNCF, TURBOMECA (SAFRAN Group)
<b>HYSO 96/1</b>	Inter-operation degreaser for all metal and thermoset composite material surfaces and mechanical parts, even if wet.	Aliphatic and oxygenated solvent based blend		100 %	Immersion, spraying or brushing	
<b>HYSO 96/3</b>	Inter-operation degreaser for all metal and thermoset composite material surfaces and mechanical parts, even if wet.	Aliphatic solvent based blend		100 %	Immersion, spraying or brushing	BOEING D6, DGA, SAFRAN, TURBOMECA (SAFRAN Group)
<b>HYSO 96/4</b>	For cleaning grease, oil, tar, carbon deposits and protections prior to painting, bonding or sealant application.	Aliphatic solvent based blend		100%	Wiping	AIRBUS UK, MARTIN BAKER
<b>HYSO 97/1</b>	Inter-operation degreaser for all metal and thermoset composite material surfaces and mechanical parts, even if wet.	Aliphatic and oxygenated solvent based blend		100 %	Wiping or brushing	SAFRAN, TURBOMECA (SAFRAN Group)
<b>HYSO 99</b>	For cleaning and degreasing metal surfaces, painted or unpainted, as well as plastic materials (polyester, ABS, polyurethane, etc.)	Aliphatic solvent based blend		100 %	Wiping or brushing	AIRBUS FRANCE, AIRBUS HELICOPTERS
<b>HYSO F</b>	For cleaning and degreasing metal and composite material surfaces, prior to painting, bonding and sealant application.	Aliphatic solvent based blend		100 %	Immersion, spraying, brushing or wiping	AIRBUS UK, BOEING, BOMBARDIER, McDONNELL DOUGLAS, ROLLS-ROYCE, SMI, SNECMA (SAFRAN Group), UNITED TECHNOLOGIES
<b>HYSO QD</b>	For cleaning and degreasing metal surfaces and plastic materials, prior to painting, bonding and sealant application.	Aliphatic solvent based blend		100%	Immersion, spraying, brushing or wiping	AIRBUS, BOEING, BOMBARDIER AEROSPACE, IPECO MANUAL, McDONNELL DOUGLAS, ROLLS-ROYCE, SMI

## SOCOMORE TREATMENT AND ACTIVATION SOLUTIONS FOR METAL SURFACES

### Surface Treatment Lines






Product name	Type	Description	Chemistry	pH**	Process concentration	Process temperature	Application method	Approvals / Specifications *
<b>SOCOCLEAN A3068</b>	Activator	Surface activator for titanium, stainless steel and heat resistant alloys.	Alkaline mixture		Pure	70-90°C	Immersion	
<b>SOCOMULTA</b>		Additive to optimise deoxidation baths.	Surfactant solution		1%	40-60°C	Immersion	AIRBUS HELICOPTERS
<b>SOCOSURF A1806</b>	Deoxidiser	Used in addition to SOCOSURF A1858 during surface treatment operations on aluminium alloys.	Solution based on ferrous sulphate		6 to 15 %	40-60°C	Immersion	AIRBUS, AIRBUS HELICOPTERS, DASSAULT AVIATION, EADS CASA, THALES ALLENIA SPACE, TURBOMECA (SAFRAN Group)
<b>SOCOSURF A1858</b>	Deoxidiser	Deoxidation or bleaching of aluminium and titanium alloys following degreasing or alkaline descaling on a surface treatment line.	Concentrated solution of nitric and sulphuric acid		30 to 50 %	40-60°C	Immersion	AIRBUS, AIRBUS HELICOPTERS, DASSAULT AVIATION, EADS CASA, THALES ALLENIA SPACE, TURBOMECA (SAFRAN Group)
<b>SOCOSURF A1855</b>	Deoxidiser	Preparation of aluminium prior to painting or bonding and encourages adhesion and anticorrosion properties of paint systems, particularly chromium free systems.	Gel-type water based acidic solution		Pure	Room temperature	Spraying	AMS 3095
<b>SOCOSURF T4402</b>	Phosphate degreaser	Results in amorphous phosphatation on ferrous metals. Metal surfaces thus treated constitute an excellent adhesion base for paint by enhancing adhesion.	Solution based on phosphoric acid and detergent		0.6 to 3 %	60-90°C	Spraying or immersion	



## SOCOMORE TREATMENT AND ACTIVATION SOLUTIONS FOR METAL SURFACES

Socomore has developed a specialized range designed for treating oxides on different metals. This range is designed for etching, descaling, deoxidizing and conditioning of oxides and covers all application methods (spraying, immersion with or without ultrasound, brushing etc.)

### Surface treatment line for aircraft engines

Product name	Type	Description	Chemistry	pH**	Process concentration	Process temperature	Application method	Approvals / Specifications*
<b>AP 954</b>	Deoxidiser	Removes rust and oxides from ferrous surfaces.	Concentrated solution of phosphoric acid, detergents and corrosion inhibitors		50 %	Up to 60°C	Spraying, immersion or brushing	CFM, GE, HONEYWELL, PRATT & WHITNEY, SNECMA (SAFRAN Group), TURBOMECA (SAFRAN Group)
<b>AP 988</b>	Deoxidiser	Removes complex metal oxide and scaling deposits formed on hot surfaces of jet engine components.	Concentrated solution of organic acid, detergents and corrosion inhibitors		15 to 20 %	80-85°C	Immersion	AIR FRANCE, CFM, GE, HONEYWELL, IAE, PRATT & WHITNEY, ROLLS ROYCE, SNECMA (SAFRAN Group), TURBOMECA (SAFRAN Group)
<b>HDL 202</b>	Descaler/Deoxidiser	High alkaline descaling deoxidiser for steel, high strength steel and Inconel. Removes carbon, complex metal oxide and scaling deposits formed on hot surfaces of jet engine components.	Concentrated sodium solution of strong chelates		30 to 40 %	82-93°C	Immersion	CFM, GE, HONEYWELL, IAE, NATO, PRATT & WHITNEY, ROLLS-ROYCE, SNECMA (SAFRAN Group), TURBOMECA (SAFRAN Group)
<b>HDL 2524</b>	Oxide converter	Removes complex metal oxide and scaling deposits formed on caustic surfaces of jet engine components.	Two-part liquid product (HDL 2524C and HDL 2524P) based on caustic / sodium permanganate		max 25% HDL 2524P and 50% HDL 2524C	82-93°C	Immersion	CFM, GE, PRATT & WHITNEY, ROLLS-ROYCE, TURBOMECA (SAFRAN Group)
<b>HDL 73/ HDL 73W</b>	Deoxidiser	Removes complex metal oxide deposits formed on hot surfaces of jet engine components.	Mixture of neutralised complex organic acids		30-40%	75-85°C	Immersion	GE, IAE, PRATT & WHITNEY, ARP 1755B, TURBOMECA
<b>KEMSTRIP 600</b>	Descaler	Descaling of all metal parts.	Solvent based with alkaline activation. NEP and NMP free		Pure	80-110°C	Immersion	ASTM F 945-06, SNECMA (SAFRAN Group), SAE

# Sontara®



## SONTARA® AC RANGE

*(Designed specifically for aerospace)*



### Clean and low-linting

The Sontara® AC wipes are exceptionally clean – contains no added chemicals or binders, stains or metal shavings. The wipes are manufactured in a unique process that creates a strong, low-linting fabric. They are specially designed to resist snagging and fraying.

### Strong and absorbent

The AC range handles isopropyl alcohol, MEK and other tough solvents without falling apart. Despite this, they are durable enough to be laundered, yet economical enough to use as a disposable.

### Wide range of applications

Polishing bright work (chrome, high-polish aluminum, etc.), maintenance of landing gears and engines, surface preparation for composite and paint work, electrical and hydraulic systems assembly, interior assembly and completion is just some of the applications the Sontara® AC wipes can be used in. A strong certified wipe for multiple applications.



## SONTARA® AW 99

(Cheese Cloth Replacement)

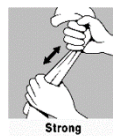
Product code: 2135  
 Product name: **SONTARA® AW 99 – FLAT PACK**  
 D 1366 8200  
 Colour / Material: White / Apertured K868B  
 Grams/m2 (gsm): 75  
 Sheet size: 230mm x 230mm  
 Packaging: 3000 wipes / box  
 16 boxes / pallet

**Sontara® AW 99** are made of a proprietary blend of fibers that are softer than most conventional wipes. This cloth is great for wiping surfaces dry, for cleaning hard-to-reach crevices, and for use on metal parts and corners because they are specially engineered to resist snagging. It also tackles Isopropyl alcohol, MEK and other tough solvents without falling apart.



**Sontara®** aerospace grade wipes, style K868B, meet the following requirements:

- Aerospace Material Specification AMS 3819D, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Bombardier Aerospace
- Cessna Aircraft Company CSF5039
- Douglas Material Specification DMS 1820E
- Pratt & Whitney GA100-11E
- U.S. Air Force T.O. 1-1-8



## SONTARA® AC 1212

Product code: 2132  
 Product name: **SONTARA® AC 1212 – FLAT PACK**  
 D 1365 7426  
 Colour / Material: White / Creped K802  
 Grams/m2 (gsm): 75  
 Sheet size: 305mm x 305mm  
 Packaging: 100 wipes / pack  
 10 packs / case  
 27 cases / pallet

**Sontara® AC 1212** are made of a proprietary blend of fibers that are softer than most conventional wipes. Since many scratches are caused by grit and dirt already on the surface of the window, this product features apertures that help pick up and remove dirt effectively.



**Sontara® 1212**, style K802, meet the following requirements:

- Aerospace Material Specification AMS 3819D, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E



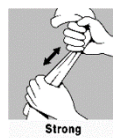
## SONTARA® AC 1213

Product code: 2130  
 Product name: **SONTARA® AC 1213 – ¼ FOLDED**  
 D 1366 8522  
 Colour / Material: White / Creped K802  
 Grams/m2 (gsm): 75  
 Sheet size: 305mm x 330mm  
 Packaging: 500 wipes / box  
 27 boxes / pallet

**Sontara® AC 1213** are made of a proprietary blend of fibers that are softer than most conventional wipes. Since many scratches are caused by grit and dirt already on the surface of the window, this product features apertures that help pick up and remove dirt effectively.

**Sontara®** aerospace grade wipes, style K802, meet the following requirements:

- Aerospace Material Specification AMS 3819D, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E



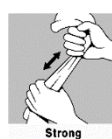
## SONTARA® AC 1213 WW

Product code: 2134  
 Product name: **SONTARA® AC 1213 WW – ¼ FOLDED**  
 D 1366 8992  
 Colour / Material: White / Smooth 8426  
 Grams/m2 (gsm): 60  
 Sheet size: 305mm x 337mm  
 Packaging: 25 wipes / pack  
 20 cases / box  
 27 boxes / pallet

**Sontara® AC 1213 WW** (Window Wipe) are made of a proprietary blend of fibers that are softer than most conventional wipes. Since many scratches are caused by grit and dirt already on the surface of the window, this product features apertures that help pick up and remove dirt effectively.

**Sontara® 1213 WW**, style 8426, meet the following requirements:

- Aerospace Material Specification AMS 3819D, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E
- U.S. Air Force T.O. 1-1-8



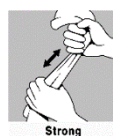
## SONTARA® AC 9165

Product code: 2131  
 Product name: **SONTARA® AC 9165 – POP-UP**  
 D 1365 7415  
 Colour / Material: White / Creped K802  
 Grams/m2 (gsm): 75  
 Sheet size: 230mm x 420mm  
 Packaging: 100 wipes / box  
 8 boxes / carton  
 16 cartons / pallet

**Sontara® AC 9165** are made of a proprietary blend of fibers that are softer than most conventional wipes. Since many scratches are caused by grit and dirt already on the surface of the window, this product features apertures that help pick up and remove dirt effectively.

**Sontara®** aerospace grade wipes, style K802, meet the following requirements:

- Aerospace Material Specification AMS 3819D, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E



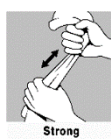
## SONTARA® AC 12165

Product code: 2133  
 Product name: **SONTARA® AC 12165 – POP-UP**  
 D 1366 8511  
 Colour / Material: White / Creped K802  
 Grams/m2 (gsm): 75  
 Sheet size: 305mm x 420mm  
 Packaging: 250 wipes / box  
 48 boxes / pallet

**Sontara® AC 12165** are made of a proprietary blend of fibers that are softer than most conventional wipes. Since many scratches are caused by grit and dirt already on the surface of the window, this product features apertures that help pick up and remove dirt effectively.

**Sontara® 12165**, style K802, meet the following requirements:

- Aerospace Material Specification AMS 3819D, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E



## SONTARA® AC 15165 WT

Product code: 2140  
 Product name: **SONTARA® AC 15165 WT – FLAT PACK**  
 D 1366 8487  
 Colour / Material: White / Creped K802  
 Grams/m2 (gsm): 75  
 Sheet size: 380mm x 420mm  
 Packaging: 400 wipes / box  
 16 boxes / pallet

**Sontara® AC 15165 WT** are made of a proprietary blend of fibers that are softer than most conventional wipes. Since many scratches are caused by grit and dirt already on the surface of the window, this product features apertures that help pick up and remove dirt effectively.

**Sontara®** aerospace grade wipes, style K802, meet the following requirements:

- Aerospace Material Specification AMS 3819D, Class 2, Grade A
- Boeing Material Specification BMS 15-5G, Class A
- Douglas Material Specification DMS 1820E

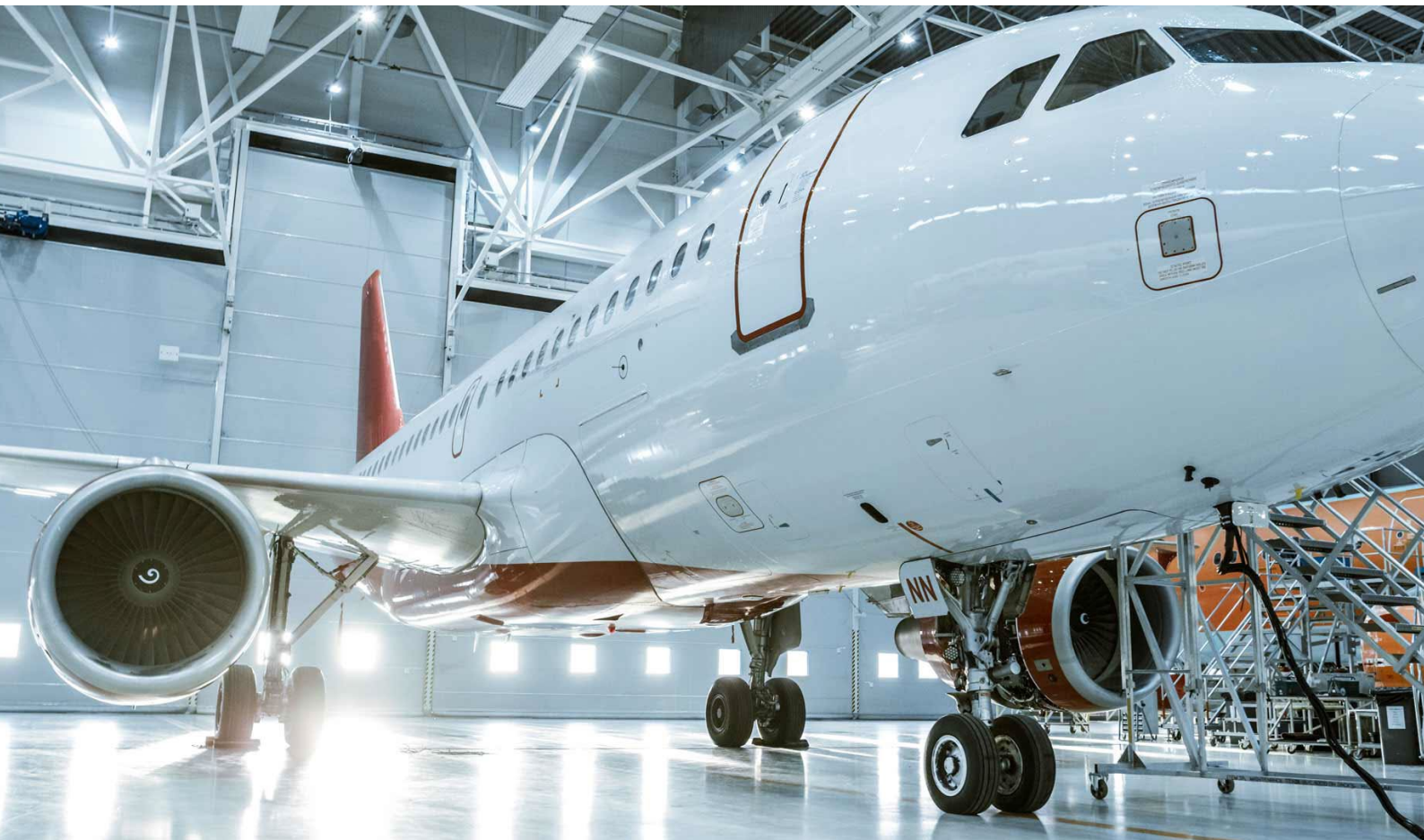






# **VEBOSCHMIDT**

**SPECIAL CLEANING PRODUCTS**



## INTERIOR CLEANING

### AEROCLEAN IC 230

Product code: VS01-500ml, VS01-10L, VS01-20L, VS01-210L, VS01-1000L  
 Product name: **Veboschmidt Aeroclean IC 230**  
 Size: 12 x 500ml / 10 liters / 20 liters / 210 liters / 1000 liters

**Aeroclean IC 230** is recommended both as a basic cleaner for difficult stains as well as a universal cleaner for regular cleaning. The concentration is applied by spray or cloth onto the surfaces. Leave it shortly on the surface to get the best result. The product is gentle on plastic surfaces, leather and plexiglass in the cabin area. It is ideal for cleaning of tables, seats, armrests, overhead storages, floors and ceilings.

#### Certifications:

- AMS 1550B
- Boeing D6-17487
- BSS7434 (Formerly known as Boeing D6-7127)
- Airbus u. McDonnell Douglas regulations
- ASTM F 487
- LH Specification



### AEROCLEAN IC 240

Product code: VS02-500ml, VS02-10L, VS02-20L, VS02-210L, VS02-1000L  
 Product name: **Veboschmidt Aeroclean IC 240**  
 Size: 12 x 500ml / 10 liters / 20 liters / 210 liters / 1000 liters

**Aeroclean IC 240** is particularly used in cabins, galleys, cockpits and lavatories. It cleans and disinfects without residue or streaks. Works on all plastics, plexiglass and painted metal surfaces. This product is effective against bacteria and fungi that occurs in kitchen- and toilet areas.

#### Certifications:

- AMS 1550B
- AMS 1452C
- Boeing D6-17487
- BSS7434 (Formerly known as Boeing D6-7127)
- Airbus u. McDonnell Douglas regulations
- ASTM F 487
- LH Specification
- Test according to DGHM requirements



## AEROCLEAN IC 260

Product code: VS03-500ml, VS03-10L, VS03-20L, VS03-210L, VS03-1000L  
 Product name: **Veboschmidt Aeroclean IC 260**  
 Size: 12 x 500ml / 10 liters / 20 liters / 210 liters / 1000 liters

**Aeroclean IC 260** is a special cleaner without alcohol for plastic surfaces and aircraft wheels. This product eliminates oil, grease and dirt. Does not cause stress or cracking but leaves an antistatic finish on the treated surfaces.

### Certifications:

- AMS 1550B
- Boeing D6-17487
- Airbus u. McDonnell Douglas regulations
- ASTM F 487
- LH Specification



## AEROCLEAN T 600 SPRAY

Product code: VS04-100ml, VS04-200ml, VS04-500ml, VS04-5L, VS04-10L, VS04-20L  
 Product name: **Veboschmidt Aeroclean T 600 Spray**  
 Size: 48 x 100ml / 12 x 200ml / 12 x 500ml / 5 liters / 10 liters / 20 liters

**Aeroclean T 600 Spray** is an aldehyde- and phenol free cleaner for fast hygienic cleaning of all water-resistant surfaces on the aircraft. This product also works well for industrial purposes and within the food industry. It can be used for all hygienic cleaning outside the aircraft and is completely odor-free.

### Certifications:

- AMS 1452C
- LH Specification
- Boeing D6-17487
- Airbus u. McDonnell Douglas regulations
- ASTM F 487
- DIN EN 1276
- DIN EN 13704



## AEROCLEAN BIO BAC FRESH

Product code: VS05-200ml, VS05-500ml, VS05-5L, VS05-10L  
 Product name: **Veboschmidt Aeroclean Bio Bac Fresh**  
 Size: 12 x 200ml / 12 x 500ml / 5 liters / 10 liters

**Aeroclean Bio Bac Fresh** cleans and removes odors using microorganisms. It is suitable for all water compatible materials, surfaces and objects as well as carpets. This product is also biodegradable and safe for humans and the environment.

### Certifications:

- AMS 1550B
- BSS7434 (Formerly known as Boeing D6-7127)



## AEROCLEAN AIRFRESH

Product code: VS06-200ml, VS06-500ml, VS06-5L, VS06-10L, VS06-25L  
 Product name: **Veboschmidt Aeroclean Airfresh**  
 Size: 12 x 200ml / 12 x 500ml / 5 liters / 10 liters / 25 liters

**Aeroclean Airfresh** is a cleaner for leather and textiles. It also eliminates odors and ensures a fresh fragrance in all areas, especially in the aircraft cabins, toilets and all other facilities. **Airfresh** can be safely sprayed on metal, plastic, leather and textiles. Leaves a pleasant scent of peach and grapefruit.

### Certifications:

- LH Specification



## AEROCLEAN IC 270

Product code: VS07-500ml, VS07-5L, VS07-20L  
 Product name: **Veboschmidt Aeroclean IC 270**  
 Size: 12 x 500ml / 5 liters / 20 liters

**Aeroclean IC 270** cleans leather and prevents cracking and fading. Natural colors are restored. It is best suited for interior such as fittings, cockpits and leather seats. Plastic parts should be cleaned with an all-purpose cleaner before **Aeroclean IC 270**. This product is also anti-static and ensures long-term protection.



## AEROCLEAN LEATHER SOAP

Product code: VS08-200ml, VS08-500ml, VS08-5L, VS08-10L, VS08-20L  
 Product name: **Veboschmidt Aeroclean Leather Soap**  
 Size: 12 x 200ml / 12 x 500ml / 5 liters / 10 liters / 20 liters

**Aeroclean Leather Soap** removes sebum, sweat and other contaminants without using water. It does not deviate leather or stitching. Use of too much water on leather can make the collagen fibers swell and cause them to become unstable. This quick-drying leather cleaner is pH-neutral and even removes mold and germs. This product is suited for all leather colors.





## AEROCLEAN IC 275

Product code: VS09-300ml  
 Product name: **Veboschmidt Aeroclean IC 275**  
 Size: 300ml

**Aeroclean IC 275** is a leather grease, that waterproofs all types of smooth leather.



## AEROCLEAN GUM REMOVER

Product code: VS09-25L  
 Product name: **Veboschmidt Aeroclean Gum Remover**  
 Size: 25 liters

**Aeroclean Gum Remover** removes double-sided adhesive tape and chewing gum from carpets and seat covers. This product evaporates slowly and has low vapor toxicity. It does not damage the ozone layer and contains no phenols, cyanides, nitrates, heavy metal salts, hazardous solvents methylene chloride or other halogenated solvents.



## AEROCLEAN GRILLFOAM

Product code: VS10-6kg  
 Product name: **Veboschmidt Aeroclean Grillfoam**  
 Size: 6 kg

**Aeroclean Grillfoam** removes all grease and oils on grills, fryers, ovens, range hoods and tiles. It can be used on all washable, alkaline-resistant surfaces. It is not suitable for aluminum or painted surfaces.



## AEROCLEAN IC 240 SACHET

Product code: -  
 Product name: **Veboschmidt Aeroclean IC 240 Sachet**  
 Packaging: 500 sachets / carton  
 10.000 sachets / pallet

**Aeroclean IC 240 Sachet** is primarily used in cabins, galleys, cockpits and lavatories. It cleans and disinfects without residue or streaks on all plastic, Plexiglas and painted metal surfaces. It can also be used for screen monitors. It is effective against bacteria and fungi, which can occur in kitchen- and toilet areas.



## EXTERIOR CLEANING

### AEROCLEAN EC 120

Product code: VS11-20L, VS11-210L, VS11-1000L  
 Product name: **Veboschmidt Aeroclean EC 120**  
 Size: 20 liters / 210 liters / 1000 liters

This exterior cleaner is suitable for all transport-related contaminations. This includes outdoor surfaces, chassis and wheels. It effectively removes brake dust, hydraulic oils and resin.

**Certifications:**

- AMS 1526B



### AEROCLEAN EC 130

Product code: VS12-10L  
 Product name: **Veboschmidt Aeroclean EC 130**  
 Size: 10 liters

**Aeroclean EC 130** is suitable for aluminum, titanium, stainless steel, plastic, plexiglass and painted surfaces. It has very good polishing and cleaning properties even difficult stains like soot, brake dust and hydraulic oil. Do not allow this product to dry. Remove with a damp cloth.

**Certifications:**

- Boeing, Airbus Douglas regulations
- ASTM F 483
- LH Specification



### AEROCLEAN EC 140

Product code: VS13-20L  
 Product name: **Veboschmidt Aeroclean EC 140**  
 Size: 20 liters

**Aeroclean EC 140** is an excellent cleaner and degreaser for the heaviest contaminants, especially on the aircraft exterior. This product removes fats, oils, gum residue, brake dust, fuels, lubricants, hydraulic fluids, dirt etc. The cleaning effect is a result of specific solvents, combined with effective cleaning detergent substances. **Aeroclean EC 140** is suitable for cleaning of aircrafts, helicopters, landing gear and chassis parts. It can be used on steel, copper, brass, iron, non-ferrous metal, aluminum and rubber.



## AEROCLEAN EC 145 SOLVENT

Product code: VS14-25L, VS14-210L  
 Product name: **Veboschmidt Aeroclean EC 145 Solvent**  
 Size: 25 liters / 210 liters

**Aeroclean EC 145 Solvent** has a special combination of raw materials and is therefore very suitable as a cleaner and degreaser for stubborn dirt and debris. Gum, oil, fats, wax, glue, resins and dirt are removed quickly and effectively. **Aeroclean EC 145** contains no halogens and aromatic solvents. Leaves no residue. This product is especially effective in cleaning of gears, engines, oil filters, repair parts and tools.



## MAINTENANCE

### AEROCLEAN M 660

Product code: VS15-10L  
 Product name: **Veboschmidt Aeroclean M 660**  
 Size: 10 liters

This acid cleaner is highly effective against urine stones, soap, dried paper debris, rust deposits and other debris. This product also counteracts bad toilet odors and does not contain hydrochloric acid.

**Certifications:**

- AMS 1640B



### AEROCLEAN M 645

Product code: VS16-20L, VS16-210L, VS16-1000L  
 Product name: **Veboschmidt Aeroclean M 645**  
 Size: 20 liters / 210 liters / 1000 liters

**Aeroclean M 645** is a highly concentrated disinfectant concentrate. This product is very effective on steel, copper, brass, iron, non-ferrous metals, aluminum, rubber, most plastics and painted surfaces. It leaves a grease- and streak-free surface. The product does not contain phosphates, phenol, heavy metal salts and complexing agents.

**Certifications:**

- Boeing Doc. D6-17487
- Airbus u. McDonnell Douglas regulations
- ASTM F 487



### AEROCLEAN GSG SPECIAL

Product code: VS17-10L  
 Product name: **Veboschmidt Aeroclean GSG Special**  
 Size: 10 liters

**Aeroclean GSG Special** removes paint, coatings, rubber marks and brake residue.





## AEROCLEAN ORANGE OIL

Product code: VS18-500ml, VS18-10L  
 Product name: **Veboschmidt Aeroclean Orange Oil**  
 Size: 12 x 500ml / 10 liters

This cleaner is a super concentrate. Must not be used on acrylic glass and plexiglass. It removes adhesive residues like strips and stickers, wax and sealant residues, stains, gum, vegetable fats, rubber marks and laundry fragrance oils.



## AEROCLEAN T 600

Product code: VS19-500ml, VS19-20L, VS19-210L, VS19-1000L  
 Product name: **Veboschmidt Aeroclean T 600**  
 Size: 12 x 500ml / 20 liters / 210 liters / 1000 liters

**Aeroclean T 600** is an aldehyde-free disinfectant for toilet systems in aircrafts. It cleans, disinfects and decomposes all in one operation. This product provides a fresh, comfortable room fragrance.

### Certifications:

- AMS 1476 C
- Boeing Doc. D6-17487
- Airbus u. McDonnell Douglas regulations
- ASTM F 487
- LH Specification
- Hygiene Institute of Hamburg



## AEROCLEAN AIRCRAFT HAND SOAP

Product code: VS20-1000ml, VS20-5L  
 Product name: **Veboschmidt Aeroclean Aircraft Hand Soap**  
 Size: 12 x 1000ml / 5 liters

This aircraft hand soap is suitable for frequent use in lightly soiled hands. It is a mild, skin-friendly cream soap for dispenser systems. This product can also be used for body washes in the field of nursing and is pH-neutral.



## AEROCLEAN ENTKALKER

Product code: VS21-20L, VS21-210L, VS21-1000L  
 Product name: **Veboschmidt Aeroclean Entkalker**  
 Size: 20 liters / 210 liters / 1000 liters

This special acidic concentrate quickly eliminates mineral deposits in water heaters as well as other pipe systems such as heating coils, boilers etc. It is also suitable for removing mineral contaminations from tiles and tiling operations.



## DESINSEKTIONSSPRAY

Product code: -  
 Product name: **Veboschmidt Desinsektions spray**  
 Size: 100ml Aerosol

Can be applied all around the cabin, except the cockpit. Do not spray directly at people. Spray about an arm's length away from the desired surface. Remember to apply according to country regulations. If applied to skin, rinse with water. Shake well before use.





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