



## PRODUCT CATALOG 2023




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AS9100D + ISO 9001:2015  
Certified through NSF-ISR  
Cage Code 497Y0

APPLICATION SPECIALISTS | SPECIALTY CONVERTERS | PROCESS IMPROVEMENT

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## About Bron Aerotech

**We source, stock and supply engineered films, fabrics and tapes that meet aerospace OEM specifications and perform in the application. Working with our Manufacturer Partners, we provide material solutions drawn from existing, low-cost industrial materials, or develop unique, custom products specifically designed to fit the bill. We also provide material updates to our aerospace customers.**

We are certified to AS9100D + ISO 9001:2015\* and operate a Quality Management System which aligns us with the best practices of the aerospace industry. This Certification elevates our quality system to the global standard adopted by IAQG, and provides assurance to our Customers world-wide that we are in pursuit of our primary goal: To achieve customer satisfaction through continuous improvement of material chain of custody, traceability, control and availability of records.

Bron Aerotech is headquartered in Denver, Colorado, a state recognized for advanced research and development in the Aircraft, Space and Defense sectors.



\*Certified through NSF-ISR



**We are application-driven. We understand the *functional* requirements of the custom parts we make for you.**

Our 42 years' expertise in converting tapes, adhesives, films and fabrics brings extra value to your end-product.



## Our Converting Capabilities:

- Die-Cutting
- Kitting
- Laminating
- Printing
- Sheeting
- Slitting



## Markets We Serve:

- Aerospace
- Arts & Entertainment
- Construction
- Manufacturing
- Packaging
- Specialty



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## BA 23TS | Professional Painter's Tape/ UV Resistant

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bundling, Holding, Marking, Masking, Part Marking, Protection, Surface Protection, Temporary Surface Protection, UV Protection

**Tags:** Clean Removal, Light Tack, UV Resistant

**Product Description:** BA 23TS is a paper backed pressure-sensitive tape with a specially formulated adhesive designed for exposure to sunlight up to (14) days, exhibiting easy clean removal from most surfaces.

**Process:** Machine and Shop Handling

**Color:** Blue

**Application:** Surface Protection, Marking, Part Marking, Holding, Bundling

**Approved Specification(s):**  
BAC 5034-4



## BA 23TS QMT | Quality Assurance Marking Tape

**Applications:** Marking, Printing, Quality Assurance Marking

**Tags:** Inspection, Labels, Multiple Colors, Printable, QA

**Product Description:** BA 23TS QMT is a paper backed pressure-sensitive tape with easy clean removal from most surfaces. Used for part marking and color coding.

**Approved Specification(s):** BAC 5307

**Color:** Multiple Colors

**Application:** Quality Marking



## BA 89 | High Temperature Masking Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Coatings Masking, High Temp Masking, Maintenance, Repair & Overhaul MRO, Paint Masking, Painting and De-Painting, Protection

**Tags:** High Temperature, Solvent-Resistant, Tear-Resistant

**Product Description:** BA 89 is a high temperature masking tape designed for clean removal from a variety of surfaces after exposure up to 325°F for 30 minutes. It features a high strength smooth

crepe backing and superior conformability to irregular surfaces and corners. BA 89 also leaves an excellent paint line and resists paint flaking from the backing during the removal process.

**Substrate/Carrier:** Smooth Crepe

**Market:** Aircraft, Composites, Electronics, MRO, Space

**Application:** Masking

**Approved Specification(s):**  
BAC 5034-4



## BA 193D | PTFE Film Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Electrical Conduction and Dielectric, Electrical Insulating, Electrical Insulation, Insulating, Masking, Protection, Surface Protection

**Tags:** High Dielectric Strength, High-Tensile Strength, Low Elongation

**Product Description:** BA 193D is a pressure sensitive tape using a skived & tensilized PTFE film that is coated with "high temperature" silicone adhesive. The tensilized film provides higher

tensile strength, lower elongation and higher dielectric strength than regular skived film.

**Color:** Gray

**Approved Specification(s):** AA-59474 TY 1 CL 1, BAC 5034-4 General and Transportation

**Application:** Surface Protection, High Temp Masking

**Process:** Machine and Shop Handling, Organic coatings

**Adhesive:** Silicone

**Substrate/Carrier:** PTFE





## BA 815L | Lined Silicone Powder Coating Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Anodizing Masking, Chemical Masking, Masking, Protection, Surface Protection, Temporary Surface Protection, Transportation

**Tags:** Chemical Resistant, Clean Removal, Die Cuts, Translucent

**Product Description:** BA 815L is a heavy duty silicone splicing tape that provides a high temperature, high strength application, in the

toughest of environments. Resists slivering when removed. Release liner provides excellent die cutting ability, easy release.

**Color:** Green

**Application:** Surface Protection, Transportation, Chemical Processing (Masking)

**Substrate/Carrier:** Polyester

**Approved Specification(s):** BAC 5034-4

## BA 827 | High-Performance Surface Protection Cloth Tape

**Applications:** Non-Slip Safety Masking, Surface Protecting

**Tags:** Clean Removal, Conformable, Easy Unwind, Hand Tearable, High Adhesion, Low-slip

**Product Description:** BA 827 is a heavy-duty surface protection cloth tape with superior construction. It is conformable to irregular surfaces and hand tearable. BA 827 offers strong adhesion

with clean removal. BA 827 is also excellent for walking on with a low-slip backing finish.

**Approved Specification(s):** BAC 5034-4

## BA 855 | Surface Protection Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Protection, Surface Protection, Tool Wrapping, Wrapping

**Tags:** Heavy Duty, Impact Resistant, Multiple Surfaces, Reusable

**Product Description:** BA 855 is a high impact and abrasion resistant surface protection tape. It is a combined tape with a quality durable rubber layer over a PVC layer and a natural rubber adhesive

that provides easy removal. BA 855 also conforms well to contours and uneven surfaces.

**Approved Specification(s):** BAC 5034-4

## BA 876 | Single Coated Polyethylene Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Protection, Surface Protection, UV Protection

**Tags:** Hand Tearable, High-Tensile Strength, UV Resistant

**Product Description:** BA 876 has a heavy duty polyethylene backing, single coated with a synthetic rubber adhesive.

**Color:** Black

**Approved Specification(s):** BAC 5034-4

**Adhesive:** Synthetic Rubber

**Substrate/Carrier:** Polyethylene



## BA 951RT | Rivet Tape

**Applications:** Clear/Amber, FOD Control, Riveting, Temporary Surface Protection

**Tags:** Clean Removal, Customized Widths, Multi-Purpose, Translucent

**Product Description:** BA 951RT is used for rivet setting. It has a heavy backed removable protective film that does not leave residue after long attachment time. This tape has a stiff backing that makes application easier. BA 951RT also has a film laminated to the adhesive side of the tape that does not allow any adhesive to come in contact with the rivet head during use. BA 951RT will remain removable and not leave adhesive residue after long dwells or moderate heat exposure.

**Process:** Rivet Setting

**Specification(s):** BAC 5034-4

**Color:** Clear / Amber

## BA 951 | Single Coated Polyester Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Countersink, Drilling, Marking, Part Marking, Protection, Quality Assurance Marking, Surface Protection

**Tags:** Aggressive Adhesive, Heavy Duty, Temporary Labels, Transparent

**Product Description:** BA 951 is used in applications requiring a heavy backed removable protective film that does not leave residue after a long attachment time. This material has a stiff backing that makes application easier. BA 951 has a quick initial bond and consistent adhesion. It does not leave adhesive residue after long dwells or moderate heat exposure. BA 951 will remain removable even after long periods of time.

**Substrate/Carrier:** Polyester

**Application:** Heavy Duty Surface Protection, Drilling, Countersink, Quality Inspection, Part Marking, Machine and Shop Handling

**Approved Specification(s):** BAC 5034-4, BAC 5037 Part Marking

## BA 975 | Foil-Aluminum Shielding / Anodizing Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Masking

**Tags:** Conformable, Ease of Use, High Performance, High Temperature, Self-Wound

**Product Description:** BA 975 is manufactured from aluminum foil and coated with a high temperature pressure-sensitive silicone adhesive.

**Substrate/Carrier:** Foil-Aluminum

**Adhesive:** Silicone

**Application:** Masking, Shielding, Surface Protection

**Approved Specification(s):** BAC 5034-4 for Manufacturing Protection

## BA 3763 | WingSafe Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Leading Edge Protection, Maintenance, Repair & Overhaul MRO, Masking, Paint Masking, Surface Protection, Temporary Surface Protection

**Tags:** Clean Removal, High Tack, High-Strength, Non-Slip

**Product Description:** BA 3763 WingSafe Tape is paper-stock, film-reinforced, and top-coated with a superior non-slip coating. BA 3763 is coated on the

adhesive side with a high-performance urethane adhesive for consistent stick and clean removability while leaving no residue. Designed to be applied to large areas requiring protection (hulls, wings, decks, etc.) where traffic and equipment could cause dents, scratches, and imperfections.

**Adhesive:** Rubber

**Substrate/Carrier:** Reinforced Paper

**Tensile Strength:** 50 lbs./in.

**Approved Specification(s):** BAC 5034-4

## BA 45103PF | Protective Film

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Protection, Surface Protection, Temporary Surface Protection, UV Protection

**Tags:** Clean Removal, Conformable, High-Tensile Strength, Lightweight, UV Resistant

**Product Description:** BA 45103PF consists of a self-wound black & white LDPE co-extruded film coated with a natural rubber based adhesive.

**Color:** White / Black

**Process:** Machine and Shop Handling

**Application:** Surface Protection, UV Protection

**Approved Specification(s):** BAC 5034-4

## BA 4848 | True Non-Silicone Film Masking Tape for Anodizing

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Anodizing Masking, Masking, Paint Masking, Surface Protection

**Tags:** Chemical Resistant, Clean Removal, Non Silicone, Transparent

**Product Description:** BA 4848 is a transparent film masking tape used in the anodizing process. It comes with a blue liner.

**Application:** Anodizing, Painting

**Color:** Transparent

**Approved Specifications:**

- Boeing BAC 5034-4 Chemical Processing
- Airbus Process Specification ABP 7-1245: Electrical Bonding of Metallic Material: Assembly Methods

## BA 5439RT | Rivet Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Fastening, FOD Control, Masking, Protection, Riveting, Surface Protection, Temporary Surface Protection

**Tags:** Clean Removal, Conformable, Customized Widths, Easy Unwind, Excellent Visibility of Production Surface, Hand Tearable, High Adhesion, Multi-Purpose, process improvement

**Product Description:** BA 5439RT is a process improvement tape designed specifically to prevent defects in rivet setting operations. It is constructed with a heavy-duty vinyl backing, natural rubber

adhesive, and a transparent non-adhesive window to prevent residue on the fastener head. The adhesive edges provide superior adherence to many types of production surfaces.

**Application:** Surface Protection, Riveting, Rivet Setting, Fastening

**Substrate/Carrier:** PVC Film

**Adhesive:** Natural Rubber

**Approved Specification(s):** BAC 5034-4 for Riveting/Manufacturing Protection

**Color:** Blue / Clear



BA 4848

# Non-Silicone Film Masking Tape for Anodizing



BA 4848 is a film masking tape used to protect surfaces during the **anodizing** process.

BA 4848 is a single sided **non-silicone adhesive** applied to a polyester backing with a removable polyester liner.

The liner makes tape great for applying to large parts or converting to unique sizes and shapes on any knife cut table or other die cutting equipment.

**BA 4848 Approvals:**

- Boeing BAC 5034-4 Chemical Processing
- Airbus Process Specification ABP 7-1245: Electrical Bonding of Metallic Material: Assembly Methods

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Anodizing Masking, Masking, Paint Masking, Surface Protection

**Tags:** Chemical Resistant, Clean Removal, Non Silicone, Transparent



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## BA 55410 | Removable Polyethylene Film Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Holding, Protection, Surface Protection, Temporary Holding, Wrapping

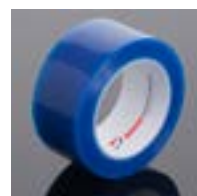
**Tags:** Conformable, Solvent-Resistant, Translucent

**Product Description:** BA 55410 is a removable polyethylene film tape with single-coated construction with a low density polyethylene backing, acrylic adhesive.

**Approved Specification(s):** BAC 5034-4

**Application:** Surface Protection, Holding, Transportation

**Process:** Machine and Shop Handling



## BA 55410RT | Rivet Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Fastening, FOD Control, Holding, Masking, Protection, Riveting, Surface Protection, Temporary Surface Protection

**Tags:** Clean Removal, Customized Widths, Laminate

**Product Description:** BA 55410RT is used for rivet setting. It has a heavy backed removable protective film that does not leave residue after long attachment time. This tape has a stiff backing that

makes application easier. BA 55410RT also has a film laminated to the adhesive side of the tape that does not allow any adhesive to come in contact with the rivet head during use. BA 55410RT will remain removable and not leave adhesive residue after long dwells or moderate heat exposure.

**Color:** Amber / Clear

**Process:** Rivet Setting

**Application:** Surface Protection, riveting, rivet setting, fastening

**Approved Specification(s):** BAC 5034-4

## BA 6019RT | Rivet Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Fastening, FOD Control, Masking, Protection, Riveting, Surface Protection, Temporary Surface Protection

**Tags:** Clean Removal, Customized Widths, Hand Tearable, Multi-Purpose, Translucent

**Product Description:** BA 6019RT is used for rivet setting. It has a thin conformable protective backing that offers easy application. It does not leave residue after extended attachment time. The tape also resists puncturing and tearing. It

provides easier application with some conforming characteristics. BA 6019RT also has a film laminated to the adhesive side of the tape that does not allow any adhesive to come in contact with the rivet head during use. It also has a thin overall profile to accommodate fastener setting tolerances.

**Process:** Machine & Shop Handling, Rivet Setting

**Application:** Surface Protection, riveting, rivet setting, fastening

**Color:** Amber / Clear

**Approved Specification(s):** BAC 5034-4

## BA 7000 | Performance Riveting Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Assembling, Drilling, Metal Parts Protecting, Riveting, Surface Protection, Temporary Surface Protection

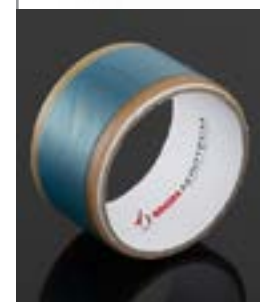
**Product Description:** BA 7000 is a high-performance Rivet Tape, available in two thicknesses: 0.070" and 0.100". The primary construction is a composite cork with an aggressive, clean removal adhesive. Operators apply this tape to long rivet rows for drilling,

countersinking, and continuous setting of rivets. BA 7000 remains on the production surface, providing complete surface protection during the entire process. The unique design of BA 7000 provides a consistent rivet set within OEM tolerances and without F.O.D. entrapment.

**Meets Specification:** BAC 5034-4 Riveting

# Absolutely Riveting!

### BA 5439RT

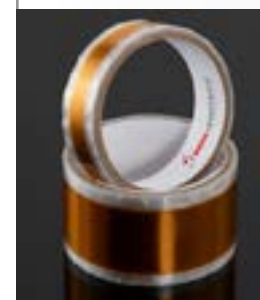


is a process improvement tape designed specifically to prevent defects in rivet setting operations. It is constructed with a heavy-duty vinyl backing, natural rubber adhesive, and a transparent

non-adhesive window to prevent residue on the fastener head. The adhesive edges provide superior adherence to many types of production surfaces.

**See page 10.**

### BA 6019RT

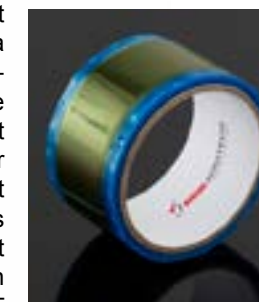


is used for rivet setting. It has a thin conformable protective backing that offers easy application. It does not leave residue after extended attachment time. The tape also resists puncturing

and tearing. It provides easier application with some conforming characteristics and has a film laminated to the adhesive side of the tape that does not allow any adhesive to come in contact with the rivet head during use. It also has a thin overall profile to accommodate fastener setting tolerances.

**See page 12.**

### BA 55410RT

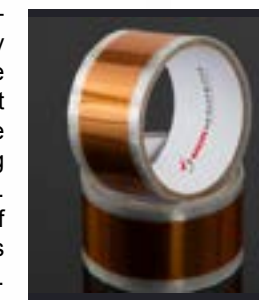


is used for rivet setting. It has a heavy backed removable protective film that does not leave residue after long attachment time. This tape has a stiff backing that makes application easier. BA 55410RT

also has a film laminated to the adhesive side of the tape that does not allow any adhesive to come in contact with the rivet head during use. It will remain removable and not leave adhesive residue after long dwells or moderate heat exposure.

**See page 12.**

### BA 951RT



is used for rivet setting. It has a heavy backed removable protective film that does not leave residue after long attachment time. This tape has a stiff backing that makes application easier. BA 951RT also has

a film laminated to the adhesive side of the tape that does not allow any adhesive to come in contact with the rivet head during use. BA 951RT will remain removable and not leave adhesive residue after long dwells or moderate heat exposure.

**See page 9.**



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## BA 5872 | Preservation & Sealing Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Holding, Protection, Surface Protection, Temporary Surface Protection, Transportation

**Tags:** Clean Removal

**Product Description:** BA 5872 combines a heavy duty, weather resistant polyethylene backing with a non-staining, clean removal, rubber based adhesive.

**Approved Specification(s):** BAC 5034-4

## BA 6866 | Gold Film Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Attachment, Composite Protection, Countersink, Die-Cutting, Drilling, Fineline Painting, FOD Control, Marking, Masking, Paint Masking, Painting and De-Painting, Part Marking, Printing, Protection, Riveting, Surface Protection, Temporary Surface Protection, Transportation

**Tags:** High Temperature, Labels, Printable, QA, Scratch Resistant, Very Sharp Paint Edge

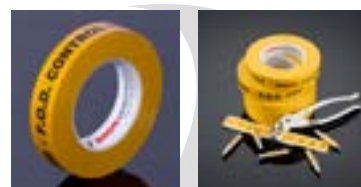
**Product Description:** BA 6866 is a flexible soft PVC tape with a natural rubber adhesive for drilling/countersink applications, and for fineline masking if a very sharp paint edge is required, especially on painted or unpainted plastic parts and for multi-color painting.

**Approved Specification(s):** BAC 5034-4 General and Transportation, BAC 5037 Part Marking

**Color:** Gold

**Adhesive:** Natural Rubber

**Substrate/Carrier:** PVC Film



## BA 6936 | Flexible Fineline Masking Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Maintenance, Repair & Overhaul MRO, Masking, Paint Masking, Painting and De-Painting, Protection, Surface Protection, Temporary Surface Protection

**Tags:** Chemical Resistant, Conformable

**Product Description:** BA 6936 is flexible, temperature resistant PVC fineline masking tape with a rubber adhesive for a wide range of design painting requirements.

**Application:** Surface Protection

**Process:** Machine and Shop Handling

**Approved Specification(s):** BAC 5034-4



## BA 7165 | UV Surface Protection Tape

**Applications:** Masking, Outdoor Painting, Paint Masking, Protection, Short Term Masking during Wave Soldering, Surface Protection, UV Protection

**Tags:** Conformable, Hand Tearable, Sharp Paint Line, UV Resistant

**Product Description:** BA 7165 features the combination of impregnated backing material with high UV resistance to facilitate multiple working processes in only one covering process.

**Adhesive:** Acrylic  
**Application:** UV Protection  
**Color:** Blue  
**Process:** Renovation, Masking  
**Substrate/Carrier:** Slightly-creped paper  
**Approved Specification(s):** BAC 5034-4

## BA 9003 | Flame Retardant, Reusable, Reinforced UV Block Sheeting

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Composite Protection, Electrostatic Dissipation (ESD), Protection, Storage, Surface Protection, Temporary Surface Protection, Transportation, UV Protection

**Tags:** Anti-Static, Clean Removal, High-Tensile Strength, Lightweight

**Product Description:** The substrate of BA 9003 is a unique light weight and flexible reinforced polyethylene flat yarn. BA 9003 is an indoor/outdoor UV protection sheet designed for the aerospace industry, and has some flame retardant features.

**Process:** Machine and Shop Handling  
**Approved Specification(s):** BAC 5034-2, FAR 25.853

## BA 9004B | Flame Retardant\* Tape for Masking, Protection, Repair

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Black, Composite Protection, Protection, Storage, Surface Protection, Temporary Surface Protection, Transportation, UV Protection

**Tags:** Clean Removal, Hand Tearable, High-Tensile Strength, UV Resistant

**Product Description:** The substrate of BA 9004 is a unique polyethylene cloth laminated with LDPE. This substrate coupled with the proprietary adhesive provides superior physical properties and easy handling features when compared to other conventional tapes. This tape has passed FAR 25.853(a) burn testing.\*

*\*Product should be tested by customer to confirm FAR burn test requirements*

**Color:** Black  
**Process:** LCF Packaging, Machine & Shop Handling  
**Application:** Surface Protection, Outdoor Storage, UV Protection, Composite Protection  
**Approved Specification(s):** BAC 5034-4, FAR 25.853



# Approved UV Aircraft Containment Tapes and Films



### BA 6866

#### Drill and Countersink Surface Protection & Paint Masking Tape

BA 6866 film tape is a unique, soft, flexible PVC tape with an aggressive but clean removal natural rubber adhesive. Gold in color, this tape will remove from a variety of production surfaces – even under extreme temperature, UV exposure, and direct chemical contact. BA 6866 is superior for general surface protection, painting and coating applications.  
**Boeing BAC 5034-4 Approval.**



### BA 9003

#### Flame Retardant, Reusable, Reinforced UV Block Sheeting

BA 9003 is a unique light weight and flexible reinforced polyethylene film. Designed for outdoor or indoor protective applications. BA 9003 protection film blocks 99.9% of UV and meets FAR 25.853 requirements. It is easy to cut to size and individually handle large sections of material. It can also be heat welded to create large reusable covers or parts. **Boeing BAC 5034-4 Approval.**



### BA 9004B

#### Flame Retardant Tape for Masking, Protection, Repair

BA 9004B has a strong unique woven polyethylene backing that makes it extremely user friendly to tear, even at wide widths. The high-performance adhesive provides superior adhesion properties, easy unwind, clean removal, blocks 99.9% of UV, and meets FAR 25.853 requirements. **Boeing BAC 5034-4 Approval.**



### BA 5872

#### Preservation & Sealing Tape

BA 5872 combines a heavy duty, weather resistant polyethylene backing with a non-staining, clean removal rubber-based adhesive. It performs well in outdoor preservation and adheres to many surfaces and other protection materials used for containment. Available in white or black color. **Boeing BAC 5034-4 Approval.**

## Bron Template™ | Custom Printed CAD-Specified Adhesive Mylar

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, CAD-Specified Adhesive Mylar Bron Template™, Countersink, Drilling, Masking, Riveting, Surface Protection, Temporary Surface Protection

**Tags:** Custom, Location Accuracy, Tight Tolerance, Zero Defects

**Product Description:** The Bron Template™ is a new Adhesive Mylar Technology that greatly improves Aerostructure assembly operations. Digital Catia\* CAD graphics are precision-printed onto the Bron Template™ film at full-scale (1 : 1) – then verified to aerospace industry “mylar” tolerances of +/- .020” over any 10” interval up to 120” x 50”. Precision tolerances of less than +/- .005” are possible within areas up to 30” x 30” square. The Bron Template™ puts Zero Defects within reach. The Bron Template™ is like having the engineering blueprint on the part. Defines fastener locations as well as the size and type of fasteners to install.

*\*Catia is a product of Dassault Industries and the CAD tool preferred by Boeing.*

**Application:** Surface Protection, Drilling, Countersink  
**Process:** Location Accuracy, Quality Inspection, Machine and Shop Handling  
**Approved Specification(s):** BAC 5034-4, BAC 5307

## BA BWG | Window Mask Film

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Die-Cutting, Maintenance, Repair & Overhaul MRO, Masking, Paint Masking, Painting and De-Painting, Protection, Surface Protection, Temporary Surface Protection

**Tags:** Clean Removal, Die Cuts, Non Silicone

**Product Description:** BA BWG features a polypropylene backing with natural rubber adhesive.

**Application:** Surface Protection, Die-Cutting, Window Masking  
**Process:** Window Masking  
**Approved Specification(s):** Process Document D6-1816

## BA Green Flash 1R-SF / 2R-SF | Green Non-Silicone, Zero Residue Flash Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Composite Flashbreaking, Holding, Wrapping

**Product Description:** BA Green Flash 1R-SF is a 1 mil polyester film tape with a high temperature resistant rubber based pressure sensitive adhesive tape. BA Green Flash 2R-SF is a

2 mil polyester film tape with a high temperature resistant rubber based pressure sensitive adhesive tape.

**Color:** Green  
**Substrate/Carrier:** Polyester  
**Application:** Surface Protection, Holding, Wrapping  
**Approved Specification(s):** BAC 5034-4



## BA 510 | Plasma Masking Tape

**Applications:** Abrasion Resistance, Maintenance, Repair & Overhaul MRO, Protection, Thermal Spraying / HVOF

**Tag:** Abrasion Resistant

**Product Description:** BA 510 is a one step plasma masking tape constructed of a silicone rubber/glass cloth backing coated with an aggressive high-temperature silicone adhesive.

**Process:** Thermal Spray / HVOF  
**Market:** Aircraft, MRO  
**Application:** Grit Blasting, Plasma Flame Spray metalization  
**Adhesive:** Silicone  
**Substrate/Carrier:** Silicone/Glass Cloth

## BA 510-40 | HVOF Plasma Tape

**Applications:** High Temp Masking, Insulating, Maintenance, Repair & Overhaul MRO, Masking, Surface Protection, Temporary Surface Protection, Thermal Insulating, Thermal Spraying / HVOF

**Product Description:** BA 510-40 is a high temperature thermal spray masking tape designed for the most severe HVOF applications. Constructed of glass cloth and silicone rubber, BA 510-40 is able to withstand the grit blast and the energy of HVOF spray process.

**Adhesive:** Silicone  
**Application:** HVOF  
**Market:** MRO  
**Substrate/Carrier:** Silicone/Glass Cloth

## BA 510-40AF | HVOF Masking Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, High Temp Masking, Maintenance, Repair & Overhaul MRO, Protection, Surface Protection, Thermal Spraying / HVOF

**Tags:** Abrasion Resistant, High Temperature, Thermal Resistant

**Product Description:** BA 510-40AF is a high temperature Thermal Spray masking tape designed for the most severe HVOF applications.

It is constructed of glass cloth and silicone rubber but with an additional layer of protection. An added foil/glass component enhances heat deflection and improves the overall performance under the most demanding conditions.

**Adhesive:** Silicone  
**Application:** HVOF  
**Market:** MRO  
**Substrate/Carrier:** Silicone/Glass/Foil

## BA 613 | Flame Spray Tape, Plasma Tape

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, High Temp Masking, Maintenance, Repair & Overhaul MRO, Masking, Mediablasting, Protection, Surface Protection, Thermal Spraying / HVOF

**Tags:** Abrasion Resistant, Clean Removal, High Temperature, Prevents Bridging

**Product Description:** BA 613 is a white silicone rubber-coated glass fabric with a high temperature silicone adhesive. The silicone rubber is tough and

abrasion resistant to withstand high temperatures and grit blasting impact. The silicone adhesive provides excellent adhesion at high temperatures yet will remove cleanly.

**Adhesive:** Silicone  
**Application:** Grit Blasting, Plasma Flame Spray metalization  
**Market:** MRO  
**Substrate/Carrier:** Glass Cloth



## BA 641 | PTFE Glass Fabric Tape

**Applications:** Abrasion Resistance, Maintenance, Repair & Overhaul MRO, Masking, Protection, Splicing, Surface Protection, Temporary Surface Protection, Thermal Spraying / HVOF, Under Wrap, Wrapping

**Tags:** Abrasion Resistant, High Temperature

**Product Description:** BA 641 is a pressure sensitive tape made of closely woven glass fabric and high temperature silicone adhesive. The glass fabric has excellent abrasion and heat resistance.

This product meets Federal Aviation Regulation Part 25.855 (a-1).

**Process:** Thermal Spray / HVOF

**Market:** MRO

**Adhesive:** Silicone

**Substrate/Carrier:** Glass Cloth

**Application:** Splicing & Positioning in Coils, Reinforcing Slot Insulation, Thermal Spray Masking

## BA 642 | Glass Cloth

**Applications:** Abrasion Resistance, Maintenance, Repair & Overhaul MRO, Masking, Protection, Surface Protection, Temporary Surface Protection, Thermal Spraying / HVOF, Under Wrap, Wrapping

**Tags:** Abrasion Resistant, Double-Sided Adhesive, High Temperature

**Product Description:** BA 642 is a glass cloth tape with an aggressive silicone adhesive on both sides. This tape is designed for high temperature plasma and flame spray masking. It is used as an

overlay when grit blasting may be needed. The overlap end is designed not to lift at high velocity grit blasting or thermal spray.

**Process:** Thermal Spray / HVOF

**Substrate/Carrier:** Glass Cloth

**Market:** MRO

**Application:** Plasma and Flame Spray Masking, Grit Blasting, Thermo Spray

**Adhesive:** Silicone

## BA 699 | Plasma Tape

**Applications:** Abrasion Resistance, Maintenance, Repair & Overhaul MRO, Masking, Protection, Surface Protection, Temporary Surface Protection, Thermal Resistance, Thermal Spraying / HVOF

**Tags:** Abrasion Resistant, Clean Removal, High Temperature, Laminate, Thermal Resistant

**Product Description:** BA 699 is a heavy (4 mil) aluminum foil/glass fabric laminate with a high temperature silicone adhesive. The aluminum foil

provides excellent reflective and conductive characteristics in high temperature applications. The silicone adhesive provides excellent adhesion at high temperatures yet will remove cleanly.

**Process:** Thermal Spray / HVOF

**Market:** MRO

**Application:** Thermal Spray Masking, Plasma, Wire Arc, HVOF

**Adhesive:** Silicone

**Substrate/Carrier:** Aluminum Foil/Glass Fabric

## BA 1864-8R-GE | Plasma Spray Tape

**Applications:** Abrasion Resistance, Insulating, Maintenance, Repair & Overhaul MRO, Protection, Temporary Surface Protection, Thermal Insulating, Thermal Resistance, Thermal Spraying / HVOF

**Tags:** Abrasion Resistant, High Temperature, Impact Resistant, Minimizes wrinkles

**Product Description:** BA 1864-8R-GE is manufactured from silicone rubber/fiberglass cloth back coated with high temperature adhesive.

**Process:** Plasma Spray

**Market:** Aircraft, MRO

**Application:** Surface Protection, Abrasion Resistance, Masking

**Adhesive:** Silicone

**Substrate/Carrier:** Silicone/Glass Cloth



## BA 5107 | Plasma Tape

**Applications:** Abrasion Resistance, Maintenance, Repair & Overhaul MRO, Masking, Protection, Surface Protection, Temporary Surface Protection, Thermal Spraying / HVOF

**Tags:** Abrasion Resistant, Clean Removal, Conformable, High Adhesion, High Temperature, Laminate

**Product Description:** BA 5107 is constructed of a high temperature glass cloth and a copper foil. The double ply construction provides superior protection for the most demanding Thermal Spray applications. BA 5107 has excellent conformability while maintaining clean removal after the Thermal Spray process.

**Process:** Thermal Spray / HVOF

**Market:** MRO

**Application:** HVOF

**Substrate/Carrier:** Glass Cloth / Copper Foil

## BA 6101 | Flame Spray Tape, Plasma Tape

**Applications:** Abrasion Resistance, Protection, Temporary Surface Protection, Thermal Resistance, Thermal Spraying / HVOF

**Tags:** Abrasion Resistant, Clean Removal, Conductive, High Adhesion, High Temperature

**Product Description:** BA 6101 is an aluminum foil/glass fabric laminate with a high temperature silicone adhesive. The aluminum foil provides excellent reflective and conductive characteristics in high temperature applications. The silicone adhesive provides excellent adhesion at high temperatures yet will remove cleanly.

**Process:** Thermal Spray / HVOF

**Market:** MRO

**Application:** Plasma Flame Spraying, Harness Wrap

**Adhesive:** Silicone

**Substrate/Carrier:** Aluminum Foil/Glass Fabric

## BA 6103 | Flame Spray Tape, Plasma Tape

**Applications:** Abrasion Resistance, Maintenance, Repair & Overhaul MRO, Masking, Protection, Surface Protection, Temporary Surface Protection, Thermal Spraying / HVOF

**Tags:** Abrasion Resistant, Thermal Resistant

**Product Description:** BA 6103 is an aluminum foil/glass fabric laminate with a high temperature silicone adhesive. The aluminum foil provides excellent reflective and conductive characteristics in high temperature applications. The silicone adhesive provides excellent adhesion at high temperatures yet will remove cleanly.

**Process:** Thermal Spray / HVOF

**Market:** MRO

**Application:** Plasma Flame Spraying, Harness Wrap

**Adhesive:** Silicone

## BA 8152NL | Linerless Plasma Tape

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Coatings Masking, Grit Blast Masking, High Temp Masking, High Temperature Masking, Plasma Spray Masking, Protection, Surface Protection, Temporary Surface Protection, Thermal Insulating, Thermal Resistance, Thermal Spray / HVOF Masking, Wrapping

**Tags:** Ease of Application, Easy Wrapping of Complex Shapes, Excellent Strength and Flexibility, High Temperature, Minimizes wrinkles

**Product Description:** BA 8152NL Tape presents a silicone rubber/glass cloth backing coated with an aggressive high-temperature silicone adhesive without a liner. BA 8152NL is used in the plasma spray process – a method of applying thin

coatings of metal or high-temperature ceramics to a surface. The coating is sprayed at high pressure and at extreme temperatures. The tape is applied adjacent to areas of parts, which are to be plasma sprayed.

BA 8152NL tape protects these areas both from the grit blasting, which is used as a surface preparation, and from the actual plasma spray coating. The aerospace industry is the prime market for the use of plasma spray tapes, specifically, jet engine manufacturers, overhaul centers, major airline maintenance centers, Air Force Bases and Naval Air Rework Facilities (NARF'S).

**Adhesive:** High Temp Silicone  
**Substrate/Carrier:** Glass-Silicone  
**Color:** White

## BA 8185-03 | Plasma/ Flame Spray Tape

**Applications:** Abrasion Resistance, Insulating, Maintenance, Repair & Overhaul MRO, Protection, Surface Protection, Thermal Insulating, Thermal Spraying / HVOF

**Tags:** Abrasion Resistant, High Temperature, Laminate

**Product Description:** BA 8185-03 is an aluminum foil laminated to fiberglass cloth with high-temperature silicone adhesive on one side.

**Process:** Plasma Spray, Thermal Spray / HVOF  
**Market:** MRO  
**Application:** Surface Protection, Abrasion Resistance, Masking, Thermal Insulation  
**Adhesive:** Silicone  
**Substrate/Carrier:** Aluminum Foil/Glass Fabric

## BA 81105 | Plasma Spray/ Electrical Tape

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Electrical / Electronics, Holding, Inner Wrap, Maintenance, Repair & Overhaul MRO, Masking, Protection, Splicing, Surface Protection, Thermal Spraying / HVOF, Wrapping

**Tags:** Abrasion Resistant, Edge Tear Resistant, Flex Strength, High Temperature, Non-Corrosive

**Product Description:** BA 81105 is manufactured from heat resistant fiberglass cloth backing coated with high-temperature silicone adhesive on both sides. It is most widely used as a high temperature masking tape for metalizing or plasma spray coatings, but is also used as a holding tape for components on circuit boards, inner wraps for coils and transformers, and high temperature splicing.

**Adhesive:** Double-Sided Silicone  
**Application:** Grit Blasting, Plasma Flame Spray metalization, Holding, Splicing  
**Market:** Electrical, MRO  
**Substrate/Carrier:** Glass-Cloth



## BA 103 | Media Blast – Impact Tape

**Applications:** Maintenance, Repair & Overhaul MRO, Masking, Mediablasting, Peening Masking, Protection, Surface Protection, Tan (Natural), Thermal Spraying / HVOF

**Tags:** Abrasion Resistant, Clean Removal, Conformable

**Product Description:** BA 103 is a heavy duty product custom engineered for protective masking of surfaces during dry paint stripping processes and extreme surface protection. The high tack acrylic adhesive provides instant adhesion to clean, dry surfaces. The soft vinyl carrier is highly flexible and

conformable to irregular/curved surfaces, while holding firmly to the production surface. Thickness throughout the roll is very consistent allowing maximum blast times. BA 103 also provides clean removal post process and use.

**Color:** Tan (Natural)  
**Process:** MediaBlast, Shot Peening  
**Adhesive:** High tack acrylic  
**Substrate/Carrier:** Vinyl **Market:** MRO  
**Application:** Masking, Surface Protection, Abrasion Resistance, Masking  
**Approved Specification(s):** Northrop QSM-00381

## BA 1033 | Aircraft Outdoor Surface Protection Tape

**Applications:** Abrasion Resistance, Abrasion Resisting, Aircraft & Spacecraft Manufacturing & Assembly, Composite Protection, Protection, Stain Resisting, Surface Protection, UV Resisting, Weather Resisting

**Tags:** Clean Release, Conformable, Die-Cuttable, Ease of Use, High Strength Bond, Non-Yellowing, Paintable, Printable, Transparent for easy inspection

**Product Description:** BA 1033 is an aircraft outdoor surface protection tape. BA 1033 protects leading edges of aircraft wings, struts, and stabilizers.

**Adhesive:** Acrylic  
**Color:** Transparent  
**Substrate/Carrier:** Exterior Grade Polyurethane  
**Liner:** Kraft Paper

## BA 1203 | Blast Impact Tape – Media Blast

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Maintenance, Repair & Overhaul MRO, Masking, Mediablasting, Paint Masking, Painting and De-Painting, Peening Masking, Protection, Surface Protection, Tan (Natural), Temporary Surface Protection

**Tags:** Abrasion Resistant, Clean Removal, Conformable, Impact Resistant

**Product Description:** BA 1203 is a heavy duty product custom engineered for protective masking of surfaces during dry paint stripping processes and extreme surface protection. The high tack acrylic

adhesive provides instant adhesion to clean, dry surfaces. The soft vinyl carrier is highly flexible and conformable to irregular/curved surfaces, while holding firmly to the production surface. Thickness throughout the roll is very consistent allowing maximum blast times. BA 1203 also provides clean removal post process and use.

**Color:** Tan (Natural) **Substrate/Carrier:** Vinyl  
**Adhesive:** High Grip water-based acrylic  
**Application:** Surface Protection, Abrasion Resistance, Masking  
**Process:** MediaBlast, Shot Peening

## BA 1204 | Specialty High Temperature Pink Masking Tape

**Applications:** Automotive Masking, High Temperature Masking, Industrial Masking

**Tags:** Clean Removal, High Strength Bond, High Temperature, Highly Conformable, Quick Stick

**Product Description:** BA 1204 is a pink crepe paper masking tape for critical paint masking applications in the automotive, specialty vehicle, and industrial markets where excellent holding and

high-temperature performance are required. The smooth crepe backing exhibits high strength, ease of handling, excellent conformability to irregular surfaces and exceptional cornering.

**Temperature Range:** Temperature resistant up to 325° F for 30 minutes (time and temperature determined by surface)  
**Substrate/Carrier:** Smooth Crepe Paper  
**Color:** Pink



## BA 1738 | Surface Protection Tape

**Applications:** Abrasion Resistance, Die-Cutting, Leading Edge Protection, Surface Protection

**Tags:** Clean Removal, Conformable, Ease of Use, Translucent for visibility of surface

**Product Description:** BA 1738 is a high performance self-adhering surface protection tape. It has a thicker backing than traditional protective tapes, providing superior scratch resistance from

tools and other objects used to repair aircraft. BA 1738 also provides clean removal from many surfaces and coatings while enduring exposure to temperature change, humidity, and UV.

## BA 1804-7 | Glass Cloth Tape

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, High Temp Masking, High Temp Splicing, Holding, Inner Wrap, Maintenance, Repair & Overhaul MRO, Masking, Plasma Spray Masking, Protection, Splicing, Surface Protection, Temporary Holding, Temporary Surface Protection

**Tags:** Abrasion Resistant, Edge Tear Resistant, Exceptional Flex Strength, Exceptionally Stable at High Temperatures, Non-Corrosive

**Product Description:** The substrate of BA 1804-7 is manufactured from heat-resistant fiberglass cloth backing coated with high-temperature silicone adhesive on both sides.

BA 1804-7 is preferred for a wide variety of uses in the industrial and electrical markets to include use as a high temperature masking tape for metalizing or plasma spray coatings, and as a holding tape for components on circuit boards, inner wraps for coils and transformers, and high temperature splicing.

BA 1804-7 comes with a kraft paper liner or yellow dimpled PVC liner.

**Adhesive:** Double-Side Silicone  
**Application:** Hi Temp Masking, High Temp Splicing & Wrapping, Holding  
**Substrate/Carrier:** Glass Cloth  
**Market:** Electronics, MRO  
**Color:** White

## BA 2005 | Aluminum Foil Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Electroplating Masking, High Temp Masking, Masking

**Tags:** Chemical Resistant, Clean Removal, High Shear, High Temperature

**Product Description:** BA 2005 is designed to be used where exceptional chemical resistance is required, such as with the masking of sensitive parts and to secure protective drapes on aircraft during the paint stripping process. The tape can

also be formed into runoff “gutters” to take stripping solvent to catch basins. The tape can be die cut, if ordered with a protective interliner. Also useful for electroplating and where high temperature resistance is required.

**Approved Specification(s):** AMS-T-23397  
**Application:** Electroplating Masking  
**Process:** Electroplating

## BA 4100 Series | Aircraft Sealant Remover Tool

**Applications:** Aircraft Sealant Removing

**Tags:** Durable, Ease of Use, Minimal sealant odor, Versatile

**Product Description:** BA 4110 & BA 4115 Composite Sealant Remover (CSR) are rotary cutters designed to remove sealant directly at the bond line. Made from durable Torlon®, both cutters can remove sealant in many applications at a lower product cost and with greater efficiency and productivity. For aerospace applications, BA 4110

& BA 4115 are safe to use on common protective coatings and structural materials.

BA 4110 and BA 4115 are designed to remove the sealant by cutting vs. grinding. Cutting breaks through the bond line quickly removing larger pieces with each tool rotation resulting in less debris for cleanup and half the removal time.

These tools are made only with Torlon – does not shatter or break – and no risk of structure damage.

**Approved Specification(s):** BAC5000



## BA 4236 | Modified Polyester Foam

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Composite Bonding, Composite Protection, Cushioning, Impact Resisting, Positioning, Protection, Scratch Resisting, Surface Protecting, Surface Protection, Temporary Surface Protection

**Tags:** Clean Release, Cling Foam, FAR 25.853 Approved, FOD-Free, High Gloss Surface, Low Repulsion, Reusable

**Product Description:** BA 4236 is a new cling foam Series with medium density closed cell modified polyester foam cast on a high gloss release liner. The high gloss surface has a static cling property which allows it to adhere and remove from similarly smooth surfaces. FAR 25.853 Approved.

**Adhesive:** Gray, Black  
**Meets Specifications:**  
FAR 25.853 Certified, Meets UL94 HF-1

## BA 4650 | Multi-Purpose Masking, Protection, and Repair Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Maintenance, Repair & Overhaul MRO, Paint Masking, Painting and De-Painting, Protection, Surface Protection, Temporary Surface Protection

**Tags:** Abrasion Resistant, Chemical Resistant, Clean Removal, Hand Tearable, Repositionable, Solvent-Resistant, Waterproof

**Product Description:** BA 4650 is a single-sided tape with a laminated polyethylene cloth and

proprietary acrylic adhesive. BA 4650 offers superior physical properties and easy handling compared with conventional tapes.

**Adhesive:** Proprietary Acrylic  
**Color:** Green, Black  
**Elongation at Break:** 15%  
**Static Shear:** 0.1mm  
**Tensile Strength:** 32 lb /in  
**Total Thickness:** 6.4 mil  
**Substrate/Carrier:** Laminated polyethylene cloth  
**Adhesive Strength:** 44 oz /in

## BA 6009 | Abrasion Resistant Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Damping, Protection, Sound Damping, Surface Protection, Vibration Damping

**Tags:** Chemical Resistant, Corrosion Resistant, Excellent Abrasion & Wear Resistance, No Moisture Absorption, Very High Impact Strength

**Product Description:** BA 6009 is a pressure sensitive tape produced from a black Ultra High Molecular Weight (UHMW) Polyethylene that is coated with an aggressive acrylic adhesive

system. The UHMW film provides an excellent low friction, non-stick surface, in many ways similar to PTFE. The UHMW film has a very high tensile strength that is very tough and abrasion resistant.

**Adhesive:** Acrylic  
**Application:** Surface Protection, Noise & Vibration Damping  
**Color:** Black  
**Substrate/Carrier:** UHMW-PE Film

## BA 6453 | Temperature Resistant Acrylic Coated Cloth Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Black, Chemical Masking, Color, Composite Bonding, Gray, High Temp Masking, High-Strength, Maintenance, Repair & Overhaul MRO, Masking, Paint Masking, Painting and De-Painting, Powder Coating, Powdercoat Masking, Protection, Surface Protection, Temporary Surface Protection

**Tags:** Abrasion Resistant, Clean Removal, Die Cuts, Hand Tearable, Solvent-Resistant, Water Resistant

**Product Description:** BA 6453 is a high grade acrylic-coated cloth tape with a thermosetting natural rubber adhesive. BA 6453 is a very resilient cloth tape often used for permanent hole covering in automotive applications and masking during industrial painting processes.

**Color:** Black, Grey  
**Adhesive:** Thermosetting Rubber  
**Application:** Permanent hole covering, Powder Coating  
**Process:** Electrostatic Powder Coating  
**Substrate/Carrier:** Acrylic-Coated Cloth

## BA 6459 | Premium Acrylic Coated Cloth Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bundling, Cable and Wire Harness Protection, Insulating, Maintenance, Repair & Overhaul MRO, Marking, Masking, Masking for Sandblasting, Protection, Surface Protection

**Product Description:** BA 6459 is a powerful, high-quality acrylic-coated cloth tape. It is based on a 145 mesh woven rayon fabric backing and a natural rubber adhesive.

**Color:** Black, White, Grey, Yellow, Blue, Red, Green, Brown

**Adhesive:** Natural Rubber

**Application:** Bundling, Covering, Floor Marking, Labeling, Reinforcing, Sandblasting Masking, Sealing

**Substrate/Carrier:** Acrylic-Coated Cloth

## BA 6646 | Surface Protection Tape

**Applications:** Abrasion Resisting, Heavy Duty Surface Protecting, High Temperature Masking, Moisture Resisting, Protecting

**Product Description:** BA 6646 is a polypropylene surface protection tape ideal for heavy duty surface protection. This tape exhibits excellent contact clarity on most production surfaces. BA 6646 also offers extreme temperature resistance and handles short term outdoor exposure. BA 6646 is configurable to any size roll and offered with or without liner.

**Color:** Clear, Tinted Red

**Adhesive:** Rubber

**Substrate/Carrier:** Embossed Polypropylene, Self-Wound, or 70# Kraft

**Liner:** Self-Wound, or 70# Kraft

**Temperature Range:** -40° – 325°

**Total Thickness:** 4.1 mil

## BA 6867 | Fineline Tape for Design Painting

**Applications:** Fineline Paint Masking

**Tags:** Clean Removal, Conformable, Hand Tearable

**Product Description:** BA 6867 is a flexible soft PVC tape with a natural rubber adhesive for fineline masking if a very sharp paint edge is required, especially on painted or unpainted plastic parts, and for multi-color painting.

**Adhesive:** Natural Rubber

**Substrate/Carrier:** PVC Film

## BA 7061 | High Performance Paper Masking Tape for Precise and Flat Paint Edges

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Maintenance, Repair & Overhaul MRO, Masking, Paint Masking, Painting and De-Painting, Yellow

**Tags:** Conformable, Hand Tearable, UV Resistant

**Product Description:** BA 7061 is a paper backed pressure-sensitive tape with a specially formulated adhesive designed for exposure to sunlight up to (14) days, exhibiting easy clean removal from most surfaces.

**Color:** Yellow

**Market:** MRO

**Adhesive:** Acrylic

**Substrate/Carrier:** Flat Paper

**Application:** Indoor Painting



## BA 7166 | High Performance Green Masking Tape

**Applications:** High Temperature Masking, Masking, Outdoor Paint Masking, Spray Paint Masking

**Tags:** Clean Removal, Conformable, Hand Tearable, Masking Tape - UV Resisting

**Product Description:** BA 7166 provides clean paint edges and features seven-day UV resistance for outdoor masking applications. BA 7166 performs up to six drying cycles at 248°F for 40 minutes. BA 7166 features a natural rubber adhesive and smooth crepe paper substrate.

**Color:** Green

**Adhesive:** Natural Rubber

**Substrate/Carrier:** Smooth Crepe Paper

## BA 7575 | Surface Protection Film

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Protection, Surface Protection

**Tags:** Chemical Resistant, Clean Removal, Moisture Resistant

**Product Description:** BA 7575 is a surface protection film with an environmentally friendly polyethylene backing and a light, age-resistant acrylic adhesive. This ensures easy, residue-free removal within four weeks of application. The

protection film is resistant against a variety of chemical ingredients, physical stress and moisture. The transparent backing avoids a “darkroom” effect when the film is applied to windows.

**Adhesive:** Acrylic

**Application:** Surface Protection

**Substrate/Carrier:** PE Film

## BA 8110ESD | ESD Polyimide Film

**Applications:** Electrical Insulation, Electrostatic Dissipation (ESD), Gold Finger Masking, High Temp Masking, Surface Protection

**Tags:** Abrasion Resistant, Clean Removal, Conformable, Excellent Electrical Properties, Excellent ESD Properties, Excellent Mechanical Properties, High Dielectric Strength, High Temperature, High-Tensile Strength

**Product Description:** BA 8110ESD is manufactured from ESD Polyimide film with a high-temperature silicone adhesive. It is constructed to fill the requirements of a high-

performance Thermoplastic (Polyimide Backing Materials). BA 8110ESD is material of choice for gold finger protection during wave solder applications that require reduced electrostatic discharge upon tape removal. BA8110ESD exhibits high tensile strength and conformability, as well as good solvent resistance, excellent dielectric strength and good abrasion resistance.

**Adhesive:** Silicone, **Color:** Amber

**Application:** Gold Finger Protection During Wave Soldering, **Process:** Wave Soldering

**Market:** Electronics, Gold Finger Masking

**Substrate/Carrier:** Polyimide

## BA 818 | Blast Impact Tape – Media Blast

**Applications:** FOD Control, Masking, Media Blast Masking, Peening Masking, Protection, Surface Protection, Temporary Surface Protection

**Tags:** Clean Removal, Conformable, Cracking & Lifting Resistant, Ease of Use, F.O.D. Control, Flexible, Hand Tearable, High Adhesion, High Initial Tack, Impact Resistant

**Product Description:** BA 818 is a durable 40mil rubber product engineered to meet requirements for protective masking of surfaces during dry paint stripping processes. Aggressive acrylic pressure

sensitive adhesive provides instant adhesion to clean, dry surfaces with little to no hot glue required on edges to prevent media intrusion. Remains flexible and resists cracking and lifting. Conforms to irregular/curved surfaces. Uniform thickness allows maximum blast times. Clean removal after blasting. White crepe release coated paper liner allows BA 818 to tear easily by hand. Can also be cut by knife for precise fit.

**Adhesive:** High Tack Acrylic **Liner:** White Paper

**Color:** Cream **Market:** MRO



## BA 8363 | Static Port Protection Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Assembling, Attachment, Citrus-Based Cleaner Resisting, Color Coding, High Visibility Masking, High-Low Temperature Resisting, Holding, Identifying, Marking, Part Marking, Protecting, Resisting, Sealing, Solvent Resisting, Surface Protecting, Temporary Attachment, Temporary Holding, Temporary Outdoor Surface Protection, Temporary Sealing, Temporary Splicing, Temporary Surface Protecting, UV Resisting

**Tags:** Conformable, Excellent Moisture Barrier Construction, Firm Bond, Low in halogens and leachable chlorides, No Edge Bleed, Power Washable, Will not crack or crease

**Product Description:** BA 8363 tape is used to protect static ports during routine maintenance and repair.

**Adhesive:** Acrylic  
**Color:** Gloss Yellow, Orange, Red  
**Substrate / Carrier:** LDPE

## BA 8783 | Temporary Protection Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Masking, Paint Masking, Protection, Surface Protection, Temporary Surface Protection

**Tags:** Abrasion Resistant, Chemical Resistant, Die Cuts, Hand Tearable

**Product Description:** BA 8783 is a premium grade self-adhesive tape that has been developed for the protection of delicate surfaces, e.g. painted metal surfaces during automotive assembly.

**Adhesive:** EVA Paint Compatible  
**Appearance:** Transparent  
**Substrate/Carrier:** Polyolefinic Film

## BA 8784 | Surface Protection Tape

**Applications:** Protection, Storage, Surface Protection, Transportation

**Tags:** Allows substrate ID and inspection, easy-peel adhesive, Good Humidity Resistance, Recyclable, Very low unwind

**Product Description:** BA 8784 is a surface protection tape suitable to protect high gloss surfaces during mechanical processes, storage and transportation. The use of this tape makes it possible to process the protected surfaces with

a high adhesion level. Furthermore, it makes it suitable to remove from thin and fragile substrates without deforming due to the low peeling force.

**Adhesive:** Acrylic-based  
**Application:** Surface Protection of High Gloss Surfaces  
**Color:** Blue transparent  
**Market:** Aircraft, Space  
**Process:** Mechanical processes, storage and transportation.  
**Substrate/Carrier:** Polyethylene Film

## BA 8888 | Temporary Protection Film for Glass

**Applications:** Clear, Protection, Storage, Surface Protection, Temporary Surface Protection, Transportation

**Tags:** Chemical Resistant, Clean Removal, Die Cuts, Scratch Resistant, UV Resistant

**Product Description:** BA 8888 is a highly transparent clear tape designed to protect sensitive surfaces especially such as glass against scratches, holes or dirt.

**Color:** Clear  
**Adhesive:** EVA  
**Application:** Surface Protection  
**Substrate/Carrier:** Polypropylene Film



## BA 81847 | Wire Harness Bundling Tape

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Cable and Wire Harness Protection, Damping, High Temp Masking, Maintenance, Repair & Overhaul MRO, Masking, Protection, Sound Damping, Surface Protection, Temporary Surface Protection, Thermal Spraying / HVOF, Vibration Damping

**Tags:** Abrasion Resistant, High Temperature

**Product Description:** BA 81847 is manufactured from aluminum foil laminated to fiberglass cloth with high temperature silicone adhesive on one side. It is used in plasma spray masking tape, aerospace wire harness and sound and vibration damping applications.

**Substrate/Carrier:** Glass Cloth  
**Adhesive:** Silicone

## BA 81957 | Glasscloth

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Cable and Wire Harness Protection, Chemical Masking, Electrical / Electronics, High Temp Masking, Maintenance, Repair & Overhaul MRO, Masking, Protection, Splicing, Surface Protection, Thermal Spraying / HVOF, Wrapping

**Tags:** Abrasion Resistant, High Temperature, Solvent-Resistant

**Product Description:** BA 81957 is manufactured from heat-resistant fiberglass cloth backing coated with a high-temperature silicone adhesive. This tape be used in applications that require continuous temperatures of up to 500°F and its abrasion resistance makes an extremely durable product.

**Adhesive:** Silicone  
**Application:** High Temp Splicing & Wrapping  
**Market:** Aircraft, Electrical, MRO  
**Substrate/Carrier:** Glass Cloth

## BA FOD Control Board Kit | Peel-And-Place Maskants for Paint/Assembly Processes

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Fineline Painting, FOD Control, Kitting, Masking, Outdoor Painting, Paint Masking, Painting and De-Painting, Positioning, Quality Assurance Marking, Spray Paint Masking, Surface Protection, Temporary Surface Protection

**Tags:** Clean Removal, De-Masking, Die Cuts, FOD Reduction, process improvement, QA

**Product Description:** Bron Aerotech FOD Control Boards supply individually-shaped, kitted aircraft tape maskants for use in the paint/assembly process. Each kit is custom-designed to meet the build requirements for each ship set. The BA FOD Control Board utilizes a shape-indicated removal process for each maskant to ensure there is no adhesive tape left on the aircraft. Customers utilizing BA FOD Control Boards have realized a significant reduction in FOD/Reject Tags, as well as substantial time savings. This innovation combines pre-cut, peel-and-place, full-size maskant decals with the *Lean 5S Visual Factory Shadow Board* concept.

However, as beneficial as pre-cut, peel-and-place mask patterns may be, the real savings come in de-masking and improved quality. Following painting, the task of identifying all of the masked surfaces can be a nightmare as everything now appears the same – both the structure and the masking. Where did all the masking go?

Flip the Bron Aerotech FOD Control Board over to reveal the “Shadow Board” visual aid. The technician clearly knows where the maskant patterns are located on the structure thru the mimicking of the FOD Control Board design. The technician then “fills-in” the Shadow Board with the maskant patterns as he peels them off the assembly.

Quality can quickly review the post-paint Shadow Board with all shadow areas filled and approve the FOD check that follows the paint sequence.

**Adhesive:** Various  
**Market:** Aircraft, MRO, Space  
**Process:** Assembly, FOD Control, Location Accuracy, Quality Inspection, Painting

## BA 255 | 5 MIL Polyester Film

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Composite Bonding, Composite Flashbreaking, Composite Protection, Holding, Insulating, Positioning, Protection, Surface Protection

**Tags:** Clean Removal, Low Cost

**Product Description:** BA 255 is a polyester film with acrylic pressure-sensitive adhesive.

## BA 85TC-3 & BA 85TC-5 | Glass PTFE Mold Release Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Composite Bonding, Composite Mold Releasing, Heat Sealing, Lining, Sealing

**Tags:** Abrasion Resistant, Anti-Stick, Dimensionally Stable, High Temperature, Puncture Resistant, Tear-Resistant, Will not Cold Flow

**Product Description:** BA 85TC is a fiberglass fabric impregnated with PTFE dispersion and coated with high temperature pressure sensitive silicone adhesive.

**Substrate/Carrier:** PTFE-Coated Fiberglass Fabric

**Adhesive:** Super Stick Silicone

**Market:** Aircraft, Composites

## BA 327 | Film Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Composite Bonding, Composite Flashbreaking, Electrical / Electronics, Electrical Insulation, Holding, Insulating, Protection

**Tags:** Clean Removal, Easy Unwind, Flag Resistance, Low Cost, Quick Stick

**Product Description:** BA 327 (2Mil PET/rubber Adhesive) is manufactured from polyester film with rubber pressure-sensitive adhesive.

**Color:** Pink

**Adhesive:** Thermosetting Rubber

**Substrate/Carrier:** Polyester

**Application:** Electrical Insulation, Composite Flash Mask, Positioning Tape

## BA 1089 | Non-Silicone PTFE Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bonding, Composite Bonding, Composite Flashbreaking, Composite Mold Releasing, Composite Protection, Electrical / Electronics, Electrical Insulation, Protection

**Tags:** High Dielectric Strength, Low Elongation, Low Outgassing, Non Silicone, Solvent-Resistant, Superior Tensile Strength

**Product Description:** BA 1089 is a pressure sensitive tape using a tensilized skived PTFE film

coated with a high temperature acrylic adhesive. The tensilized film provides higher tensile strength, lower elongation and higher dielectric strength than a regular skived film. BA 1089 will remove cleanly at elevated temperatures and has good solvent resistance. This product passes all low outgassing requirements as stated in ASTM E-595.

**Adhesive:** High Temp Acrylic

**Process:** Composite Bonding, Vacuum Bagging

**Substrate/Carrier:** Tensilized, Skived PTFE

## BA 1544 / BA 1844 / BA 1944 | Green Non-Silicone, Zero Residue Flash Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bonding, Composite Bonding, Composite Flashbreaking, Composite Protection, Positioning, Protection, Surface Protection

**Tags:** Abrasion Resistant, Chemical Resistant, Clean Removal, Easy Unwind, High Temperature

**Product Description:** BA 1544 (5mil), BA 1844 (2mil), and BA 1944 (1mil) are polyester film tapes

with a high temperature resistant rubber based pressure sensitive adhesive tape.

**Process:** Composite Bonding, Vacuum Bagging

**Market:** Aircraft, MRO, Space

**Application:** Composite bonding

## BA 12988 & BA 12989 | Non-Silicone Red or Violet Polyester Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bonding, Composite Bonding, Composite Flashbreaking, Red / Violet

**Tags:** High Temperature, Low Outgassing, Non Silicone, Solvent-Resistant

**Product Description:** BA 12988 (1mil) and BA 12989 (2mil) are polyester "flash" tapes coated with a proprietary, silicone-free acrylic adhesive. This tape is designed to be the replacement tape for silicone polyester tapes in composite applications. These tapes will remove cleanly at elevated temperatures and have good solvent resistance. BA 12988 & BA 12989 pass all low-outgassing requirements as stated in ASTM E-595.

**Process:** Composite Bonding, Vacuum Bagging

**Adhesive:** High Temp Acrylic

**Market:** MRO

**Color:** Red or Violet



## BA 7880 | Polyester Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bag Sealing, Blue, Composite Flashbreaking, Composite Protection, High Temp Masking, Holding, Masking, Powdercoat Masking, Protection, Sealing, Splicing, Surface Protection, Tabbing

**Tags:** Abrasion Resistant, Chemical Resistant, Clean Removal, Die Cuts, High Temperature, Sharp Paint Line

**Product Description:** BA 7880 is a blue polyester tape with a silicone adhesive. It can be used in a large variety of high temperature applications including powdercoat masking, flashbreaker and bag sealing applications. Additional applications include splicing, tabbing, or roll closing silicone treated liners or materials.

**Color:** Blue

**Adhesive:** Silicone

**Process:** Bag Sealing, Composite Bonding, Vacuum Bagging, Powder Coating

**Market:** Aircraft, Composites, Electronics, MRO, Space

**Application:** Tabbing, Sealing, Composite Flashbreaking, Surface Protection

**Substrate/Carrier:** Polyester



## BA 7881 | Green Polyester Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bag Sealing, Bonding, Composite Bonding, Composite Flashbreaking, Composite Protection, Dark Green, Holding, Masking, Protection, Sealing, Splicing, Surface Protection, Tabbings, Temporary Holding, Temporary Surface Protection

**Tags:** Clean Removal, High Temperature, Sharp Paint Line

**Product Description:** BA 7881 is a dark green polyester tape with a silicone adhesive. It can be used in a large variety of high temperature applications including powdercoat masking, flash-breaker, and bag sealing applications. Additional applications include splicing, tabbing or roll closing silicone treated liners or materials.

**Color:** Green  
**Adhesive:** Silicone  
**Process:** Bag Sealing, Composite Bonding, Vacuum Bagging, Powder Coating  
**Market:** Aircraft, Composites, Electronics, MRO, Space  
**Application:** Tabbings, Sealing, Composite Flashbreaking, Surface Protection

## BA Blue Flash 1 & 2 | Flash Tape: High Temperature Polyester Film with Silicone Adhesive

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bonding, Chemical Masking, Composite Bonding, Composite Flashbreaking, High Temp Masking, Masking, Protection

**Tags:** Clean Removal, High Temperature, Low Energy Surface, No Curl

**Product Description:** BA Blue Flash is a single coated high temperature polyester film with silicone adhesive, masking tape provides a superior bond and clean removal during high performance applications including plastics, composite bonding and powder.

**Substrate/Carrier:** Polyester  
**Adhesive:** Silicone  
**Color:** Blue



## BA ETFE 1 & 2 | ETFE Release Film for Complex Contours. Perforated or Non-Perforated

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bonding, Composite Bonding, Composite Mold Releasing, Composite Protection, Protection, Surface Protection

**Product Description:** BA ETFE1 is manufactured from a copolymer of ethylene and tetrafluoroethylene resin. This material offers the outstanding performance of fluoropolymer film over a temperature range from cryogenic to 165°C (330°F). The resistance to chemicals and weathering, low flammability, and stress crack resistance make this film an excellent candidate for a wide variety of applications.

**Process:** Composite Bonding, Vacuum Bagging  
**Substrate/Carrier:** ETFE  
**Market:** Aircraft, Composites, MRO, Space

## BA FEP 1 & 2 | FEP Release Film for Complex Contours. Perforated or Non-Perforated

**Applications:** Bonding, Composite Bonding, Composite Mold Releasing, Composite Protection, Protection, Surface Protection

**Product Description:** BA FEP1 (1mil) and BA FEP2 (2mil) are clear or pigmented films designed for release applications. The non-stick surface, chemical resistance, and 205°C (400°F) usage temperature make BA FEP1 and BA FEP2 an ideal release film for composite molding over a wide range of resin systems. High elongation and a smooth, low-gel film surface allow BA FEP1 and BA FEP2 to conform to complex mold contours and produce a smooth part finish. Perforated film is available to control outgassing and resin bleed. Pigmented films increase visibility to speed removal from parts and mold.

**Process:** Composite Bonding, Vacuum Bagging  
**Substrate/Carrier:** FEP  
**Market:** Aircraft, Composites, MRO, Space  
**Application:** Composite bonding

## BA TCK5 | PTFE-Coated Fabric

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Belting, Gasketing

**Tags:** Chemical Resistant, Flex Fatigue Resistant, High Moisture Resistance, High-Strength, Lightweight

**Product Description:** BA TCK5 is a high-strength, lightweight material suitable for many applications, including belting, release sheets, gasketing, aerospace, etc. The PTFE coating provides exceptional release properties and resistance to chemical attack. The use of KEVLAR® yarns provides the high strength basis to this composite. Additionally, KEVLAR fabrics offer superior flex fatigue resistance and are virtually unaffected by moist steam environments. The Anti-Static

version of this product is black in color (providing protection from UV damage, to which KEVLAR fabrics are susceptible) and utilizes a specialized coating to aid in static dissipation. Resistivity of the AS version is less than 106 ohms/square.

**Market:** Aircraft, Composites, Space

## BT-183 | Polyester Silicone Masking Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Blue, Chemical Masking, Composite Flashbreaking, High Temp Masking, Masking

**Tags:** Chemical Resistant, Clean Removal, High Adhesion, High Temperature, Solvent-Resistant

**Product Description:** BT-183 is a single coated high temperature polyester silicone flash breaker.

Masking tape provides a superior bond and clean removal during high performance applications including plastics composite bonding and powder coating.

**Color:** Blue  
**Adhesive:** Silicone  
**Market:** Aircraft, Composites, MRO

## BA 14-1 | ESD Tape

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Cable and Wire Harness Protection, Electrical / Electronics, Electrical Conduction and Dielectric, Electrical Insulating, Electrical Insulation, Electrostatic Dissipation (ESD), EMI Shielding, Protection, Surface Protection, Wrapping

**Tags:** Abrasion Resistant, Laminate

**Product Description:** BA 14-1 is a laminated tape engineered for the wire and cable industry.

**Market:** Aircraft, Composites, Electronics, MRO, Space

**Application:** Electrical Insulation, ESD, EMI Shielding, Wire Harness & Cable Wrap

## BA 31T | Glass Cloth Electrical Tape with Thermosetting Adhesive

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Electrical / Electronics, Electrical Conduction and Dielectric, Electrical Insulating, Electrical Insulation, Insulating, Marking, Printing, Protection, Surface Protection, Tan (Natural), Wrapping

**Tags:** Conformable, Low Outgassing, Printable, Solvent-Resistant, Tear-Resistant

**Product Description:** BA 31T is a glass cloth electrical tape, with a 7-mil woven insulating glass cloth tape with an acrylic pressure-sensitive adhesive. BA 31T is used to electrically insulate and provide mechanical protection at temperatures 320°F. BA 31T provides insulation and solvent-resistant protection for use as a coil cover, anchor, banding and core layer cross over insulation. It is edge tear resistant, conformable and printable.

**Color:** Tan (Natural)

**Substrate/Carrier:** Glass Cloth

**Market:** Space

**Application:** Electrical Insulation, Cable Wrap, Surface Protection, Abrasion Resistance, Printable

## P-213LW | Glass Cloth Tape

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Electrical / Electronics, Electrical Conduction and Dielectric, Electrical Insulating, Electrical Insulation, Insulating, Marking, Printing, Surface Protection, Tan (Natural), Wrapping

**Tags:** Conformable, Low Outgassing, Printable, Solvent-Resistant, Tear-Resistant

**Product Description:** P-213LW is very effective in applications where solvent resistance is vital before or after thermosetting. This product also exhibits minimal outgassing under vacuum conditions.



# BA 1120 Conductive Aircraft Antenna Gasket

Urethane Filled  
Corrugated Expanded Aluminum

**NEW!**



Recognizing that Electromagnetic Interference (EMI) shielding and lightning strike survivability are paramount to gasket performance, BA 1120 was developed to provide a high-efficiency material that optimizes electrical performance while mitigating corrosion. Expanded aluminum improves electrical performance when compared to particle-filled or woven mesh alternatives by eliminating electrical contact resistance associated with point-to-point conductance requirements (e.g., particle to particle, wire to wire).

- <2.0 mΩ @ 15% gasket deflection
- Significant effectiveness of conductivity in 5G environment of RAD ALT antennas, leading to improved aircraft safety
- Successful performance by commercial and military OEMs, air carriers and maintenance facilities around the world
- The expanded foil cuts cleanly and does not unravel at gasket edge eliminating FOD concerns and allowing Bron Aerotech to provide die-cut gaskets in custom shapes
- BA 1120 mitigates galvanic corrosion commonly associated with conductive gasketing. Moisture ingress, and the resulting electrolytic environment, are minimized through increased sealing performance



**BRON AEROTECH™**  
aerospace materials to spec

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**1-800-782-8807**  
Cage Code: 497Y0  
AS9100D + ISO 9001:2015  
Certified through NSF-ISR



## BA 306 | PTFE FEP Tape

**Applications:** Chemical Masking, High Temperature Masking

**Tags:** Chemical Resistant, High Temperature, Optically Clear

**Product Description:** BA 306 is a pressure sensitive tape made of FEP (Teflon®) film that is coated with a high temperature silicone adhesive. The FEP film is optically clear and offers excellent electrical properties and chemical resistance.

**Adhesive:** Silicone

**Application:** Surface Protection, High Temp Masking

**Substrate/Carrier:** FEP

## BA 731T | Glass Cloth Electrical Tape with Thermosetting Adhesive

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Cable and Wire Harness Protection, Electrical / Electronics, Electrical Conduction and Dielectric, Electrical Insulating, Electrical Insulation, Marking, Part Marking, Protection, Wrapping

**Tags:** Conformable, Printable, Solvent-Resistant, Tear-Resistant

**Product Description:** BA 731T is a Glass Cloth Electrical Tape coated with a Thermosetting Acrylic

Adhesive. This tape provides insulation and mechanical protection at temperatures to 300°F or 150°C. BA731T is both conformable and printable with good solvent resistance.

**Color:** White (Natural)

**Substrate/Carrier:** Glass Cloth

**Market:** Space

**Application:** Electrical Insulation, Cable Wrap, Surface Protection, Abrasion Resistance, Printable

## BA 936XP | Glass Cloth Electrical Tape with Thermosetting Adhesive

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Cable and Wire Harness Protection, Electrical / Electronics, Electrical Insulating, Electrical Insulation, Insulating, Marking, Part Marking, Printing, Protection, Surface Protection, Wrapping

**Tags:** Conformable, Printable, Solvent-Resistant, Tear-Resistant

**Product Description:** BA 936XP is a Glass Cloth Electrical Tape coated with an aggressive thermosetting acrylic adhesive. This tape provides insulation and mechanical protection at temperatures to 310°F or 154°C. BA 936XP is both conformable and printable with good solvent resistance.

**Substrate/Carrier:** Glass Cloth

**Application:** Electrical Insulation, Cable Wrap, Surface Protection, Abrasion Resistance, Printable

## BA 1120 | Conductive Aircraft Antenna Gasket

**Applications:** Conducting, Corrosion Mitigating, Corrosion Resisting, Die-Cutting, Electrical Conducting, EMI Shielding, FOD Mitigating, Gasketing, Moisture Resisting, UV Mitigating, UV Resisting

**Tags:** Conformable, Fully-cured, Low gasket deflection, Superior fluid sealing

**Product Description:** BA 1120 Conductive Antenna Gasket extends antenna life and offers greatly improved features and electrical characteristics over current solutions. Electrical conductivity is important

because of its protection against lightning strike and EMI. BA 1120 is also far superior in deflection and electrical bite through.

**Material Construction:** Urethane Filled Expanded Aluminum

**Electrical Through Resistance:** 0.0015 Ohms

**Total Thickness:** .030" and .055"

**Temperature Range:** -65°F to 275°F



## BA 7107-1 & BA 7107-2 | Polyimide Tape

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Cable and Wire Harness Protection, Coil Insulation, Electrical / Electronics, Electrical Conduction and Dielectric, Electrical Insulation, Gold Finger Masking, High Temp Masking, Insulating, Masking

**Tags:** Class H, High Temperature

**Substrate/Carrier:** Polyimide

**Market:** Aircraft, Electronics, MRO, Space

**Process:** Electronics Manufacturing

## BA 8755 | Film-FEP Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Cable and Wire Harness Protection, Chemical Masking, Electrical / Electronics, High Temp Masking, Protection

**Tags:** Chemical Resistant, High Temperature, Optically Clear

**Product Description:** BA 8755 is a pressure sensitive tape made of FEP (Teflon®) film that is coated with a high temperature silicone adhesive. The FEP film is optically clear and offers excellent electrical properties and chemical resistance.

**Adhesive:** Silicone

**Application:** Surface Protection, High Temp Masking

**Substrate/Carrier:** FEP

## BA 8765-1 | Polyimide Film with Silicone Adhesive

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Gold Finger Masking, High Temp Masking, Holding, Insulating, Masking, Protection, Surface Protection, Wrapping

**Tags:** Abrasion Resistant, Conformable, High Temperature, Impact Resistant

**Product Description:** BA 8765-1 is manufactured from polyimide film with high temperature adhesive.

**Adhesive:** Silicone

**Substrate/Carrier:** Polyimide

**Market:** Gold Finger Masking

## BA 8855 | Film PTFE (Skived, High Modulus)

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Bundling, Cable and Wire Harness Protection, Insulating, Phase Insulation, Protection

**Tags:** Anti-Stick, Chemically Inert, High Dielectric Strength, High Temperature, High-Tensile Strength, Low Elongation, Low Friction, Non Toxic

**Product Description:** BA 8855 is manufactured from modified high modulus PTFE film coated with high temperature silicone adhesive.

**Substrate/Carrier:** PTFE Film

**Application:** High Temp Electrical Insulation

**Market:** Aircraft, Electrical, MRO, Space

## Space

We supply space-qualified Passive Thermal Control Materials to Launch Vehicle, Habitat, and Spacecraft OEMs and their Tiers and Fabricators. We also supply flight and non-flight engineered and metalized films (VDA, Sputter), fabrics, PSA tapes and adhesives, ablative cork, rubber, foils, bonding materials, thin films and metals, and a variety of custom laminates and die-cut surface protection products.

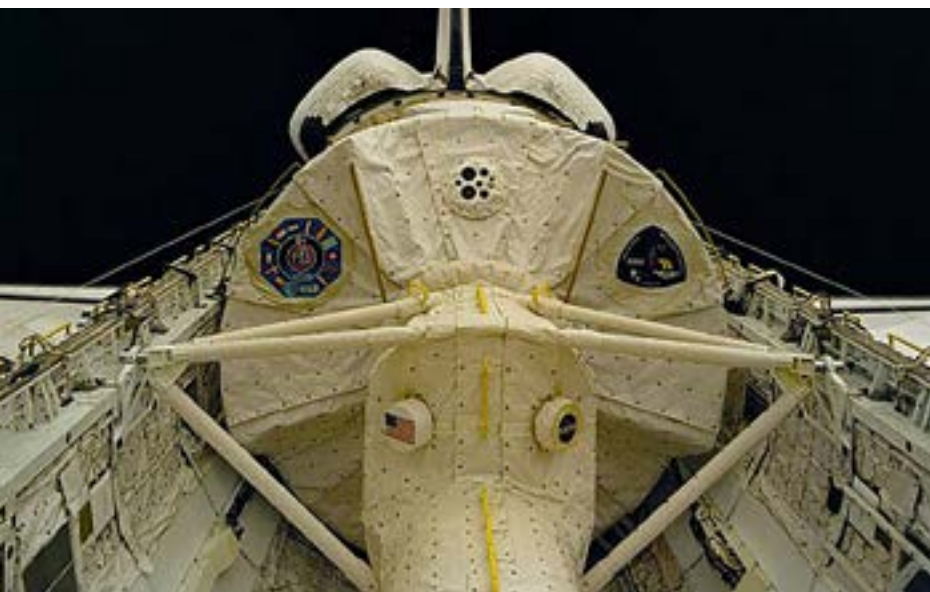
Our materials are incorporated into a wide range of space applications including orbital debris mitigation, de-orbit technologies, thermo-acoustic damping, light blocking, multi-layer insulation (MLI), flexible circuit heaters, wire and harness protection, emi shielding and many others.

### How We Work:

Our Application Specialists team up with your Engineering, Quality and Procurement and a wide range of specialized manufacturers to ensure the best material and process solution is found.

The solution may be a material to specification, or a customized product, or even an existing industrial material that performs-and provides cost-savings. These solutions take time, but we're in it for the long run. Our 41 years' experience in Industrial and Aerospace materials proves it.

Call us or contact us online at [bronaerotech.com](http://bronaerotech.com)



## Space Materials

### PRESSURE SENSITIVE TAPES

#### Space Qualified Tapes & Adhesives:

- Metalized
- Conductive
- Low Outgassing
- ESD
- Electrical
- Non Silicone
- Glass Cloth
- EMI Shielding (Foils)
- Transfer Adhesives
- Polyimide Labels
- MLI Blanket Edge Closure Tapes
- Transfer Adhesives

### FABRICS

- Aramid Fabrics – Blast Mitigation / Containment , Orbital Debris Laminates
- PTFE-Coated Fabrics – Beta Fabric / Beta Cloth, Vibration Damping
- Metalized – Vapor Deposition (VDA) Laminates
- PSA Laminated / Tape
- Woven & Non-Woven
- 3M™ Nextel™ Ceramic Textiles
- Conductive Fabrics

### FILMS

#### Passive Thermal Control Materials:

- White, Clear, Amber Polyimide
- Aluminized Polyimide (VDA)
- Conductive Black Polyimides
- Copper-Clad Polyimide
- ITO-Coated Aluminized Polyimide
- Germanium or StaMet- Coated Polyimide
- Aluminized Polyester
- Tedlar®
- Aluminized FEP
- Silverized FEP
- ITO-Coated Silver FEP
- Thermo-Acoustic Films

### SPECIALTY MATERIALS

- Engineered Foams: PVDF, Nylon, TPE, PE
- Polyimide Aerogel
- Low Observables (LO)

## BA DM102 | MLI Thermal Control Tape with Corrosion Coating

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, First Surface Mirror, MLI Blanket Edge Sealing, Sealing, Thermal Control-Passive

**Tags:** Corrosion Resistant, VDA 1 Side

**Product Description:** First Surface Mirror and MLI Blanket Edge Sealing Tape

**Adhesive:** 3M 966

**Market:** Space

**Process:** MLI Blanket Fabrication

**Substrate/Carrier:** Polyimide

## BA 500BC/CF500F Beta Cloth (Fabric) | PTFE coated fiberglass “Beta Cloth”

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Atomic Oxygen Protection (AO), Corrosion Protection, Multi-Layer Insulation (MLI), Orbital Debris Protection (MMOD), Protection, Surface Protection, Thermal Control-Passive, UV Protection, White, Wrapping

**Tags:** Atomic Oxygen (AO) Resistant, UV Resistant

**Product Description:** Beta cloth, also called beta fabric, is a white, PTFE-impregnated glass cloth commonly employed as an outer MLIB (Multi Layer Insulation Blanket) layer due to its AO (atomic oxygen) resistance in LEO (Low Earth orbit). It was heavily used on the Space Shuttle and continues to protect the interior and exterior of the International Space Station (ISS).

This historic material is manufactured by Saint-Gobain Coated Fabrics in Manchester, NH USA and is supplied to the aerospace market exclusively by Bron Aerotech, Inc in Denver, CO. Bron Aerotech facilitated the successful re-qualification of beta cloth at aerospace OEMs when DuPont changed the Teflon formulation to reduce and then eliminate PFOA.

We supplied NASA (JPL) with beta cloth that is still protecting the nuclear power plant of Curiosity on planet Mars, 32 million miles from Earth.

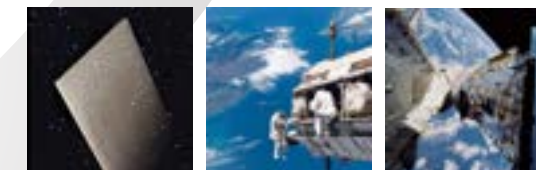
The most common end products associated with beta cloth (non-silicone) are:

- Raw beta cloth
- Etched beta cloth (for bonding and laminating)
- Beta cloth tape (for cable / wire wrap)
- Beta cloth with low outgassing adhesive
- Metalized (VDA) beta cloth
- Beta cloth with graphite wire/weave (GW) (for conductivity/anti-static)

**Color:** White

**Market:** Space

**Application:** AO Resistance, UV Resistance, Abrasion Resistance, Surface Protection, Wrapping, Thermal Control, MLI



## BA 500BCGW | PTFE coated fiberglass static dissipative “Beta Cloth”

**Applications:** Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Atomic Oxygen Protection (AO), Cable and Wire Harness Protection, Corrosion Protection, Electrical / Electronics, Electrical Conduction and Dielectric, Electrical Insulating, Electrostatic Dissipation (ESD ), High Temp Masking, Multi-Layer Insulation (MLI), Orbital Debris Protection (MMOD), Protection, Surface Protection, Thermal Control-Passive, UV Protection

**Tags:** Abrasion Resistant, Atomic Oxygen (AO) Resistant, Conductive, Tear-Resistant, UV Resistant

**Product Description:** BA 500BCGW, utilizes a tightly woven Beta® fiberglass substrate with a woven-in grid of graphite yarn to provide static dissipative performance. This material is commonly used in aerospace applications (e.g. Space Shuttle, International Space Station). For applications that do not require electrical static dissipation, please refer to the data sheet for BA 500BC. This product is silicone free.

**Process:** MLI Blanket Fabrication

**Market:** Space



## BA 324 | VDA 92 Gauge PET

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, First Surface Mirror, Multi-Layer Insulation (MLI), Thermal Control-Passive

**Product Description:** BA 324 is a 92 gauge polyethylene terephthalate (PET) based product that is aluminized on one surface and offers excellent physical, thermal, and optical properties with low emittance and solar absorptance values in first surface mirror applications. BA 324 is

engineered for use in multi-layer insulation (MLI) blanket applications and complies with the requirements of Federal Specification L-P-377.

**Approved Specification(s):** Federal Specification L-P-377, Meets NASA guidelines per ASTM E595-93 as follows: TML-WVR <1.0%; CVCM <0.1%.

**Market:** Space

**Substrate/Carrier:** PET

## BA 908 | Polyimide Film with High Temperature Adhesive 1 Mil

**Applications:** Abrasion Resistance, Abrasion Resisting, Aircraft & Spacecraft Manufacturing & Assembly, Assembling, Cable and Wire Harness Protection, Coil Insulation, Electrical / Electronics, Electrical Conduction and Dielectric, Electrical Insulating, Electrical Insulation, Gold Finger Masking, High Temp Masking, Impact Resisting, Insulating, Masking, Solvent Resisting

**Tags:** Excellent Dielectric Strength, High Temperature Resistance, Highly Conformable, Highly Solvent Resistant

**Product Description:** BA 908 is manufactured from polyimide film with a high temperature adhesive. BA 908 has excellent mechanical and electrical properties, plus excellent dielectric strength. It offers high temperature resistance and high conformability/resistance to solvents. BA 908 meets Low Outgassing requirements.

**Adhesive:** Acrylic Thermosetting

**Market:** Aircraft, Electronics, MRO, Space

**Specifications:** Backing meets MIL-P-46112B

**Process:** Electronics Manufacturing

**Substrate/Carrier:** Polyimide

## BA 4966 | Gold / 50 Gauge Polyimide / Fiberglass 116 / Perforated

**Applications:** High Temperature, Multi-Layer Insulation (MLI), Thermal Control-Passive

**Product Description:** BA 4966 is a 50 gauge polyimide based product that has gold deposited on one surface and reinforced on the other surface with a 116 glass fabric. BA 4966 is primarily used as an inner layer on an MLI blanket to resist tearing from handling or inner contact on the spacecraft buss itself. BA 4966 offers excellent physical, thermal,

electrical and optical properties and complies with the requirements of ASTM D-5213.

**Approved Specification(s):** ASTM D-5213, Meets NASA guidelines per ASTM E595-93 as follows: TML-WVR <1.0%; CVCM <0.1%.

**Market:** Space

**Substrate/Carrier:** Polyimide

## BA 8983 | VDA / 50 Gauge Polyimide / Fiberglass 116

**Tags:** Tear-Resistant, Thermal Resistant

**Product Description:** BA 8983 is a 50 gauge polyimide based product that is aluminized on one surface and reinforced on the other surface with a 116 glass fabric. BA 8983 is primarily used as an inner layer on an MLI blanket to resist tearing from handling or inner contact on the spacecraft buss itself. BA 8983 offers excellent physical, thermal, electrical and optical properties and complies with the requirements of ASTM D-5213.

"These commodities are regulated under EAR ECCN 1A003 and can only be exported in compliance with the US Department of Commerce." 1/21/16

**Approved Specification(s):** ASTM D-5213, Meets NASA guidelines per ASTM E595-93 as follows: TML-WVR <1.0%; CVCM <0.1%.

**Market:** Space

**Substrate/Carrier:** Polyimide



## BA 31968 | HTCRC / VDA / 50 Gauge Polyimide / Fiberglass 116

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Inner Layer, Multi-Layer Insulation (MLI), Thermal Control-Passive

**Tags:** Tear-Resistant, Thermal Resistant

**Product Description:** BA 31968 is a 50 gauge polyimide based product that is aluminized on one surface, coated with a corrosion resistant coating and reinforced on the other surface with a 116 glass fabric. BA 31968 is primarily used as an inner layer on an MLI blanket to resist tearing from handling or inner contact on the spacecraft buss itself. BA 31968 offers excellent physical, thermal, electrical and optical properties and complies with the requirements of ASTM D-5213

**Approved Specification(s):** Meets NASA guidelines per ASTM E595-93 as follows: TML-WVR <1.0%; CVCM <0.1%.

**Market:** Space

**Substrate/Carrier:** Polyimide

### Specialty Materials

## BA 5060 | High Tack Acrylic Transfer Adhesive

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bonding, EPDM Laminating, Fabrication, Foam Fabrication, Laminating, Splicing

**Tags:** Chemical Resistant, Excellent Peel Strength, High Initial Tack, Humidity Resistant, Ultra-high anchorage to urethane foams, Water Resistant

**Product Description:** BA 5060 is a high-performance acrylic transfer adhesive

specifically designed to provide excellent adhesion and long-term aging on a wide variety of urethane foams. The product is supplied with a 76# polycoated release liner.

**Adhesive:** Acrylic

**Color:** Clear

## BA 6145 | Double Coated Tape with High Shear and Temperature Resistance

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bonding, Clear, Fastening, High Temp Masking, Mounting

**Tags:** Abrasion Resistant, Bonds to LSE Substrates, High Adhesion, High Temperature

**Product Description:** BA 6145 is a transparent double-sided self-adhesive tape consisting of a PET backing and a modified acrylic adhesive. It offers a reliable bond even to low surface energy substrates and is immediately usable after assembly. BA 6145 is suitable for the most demanding applications such as heavy stress, high temperatures and critical substrates.

**Substrate/Carrier:** PET

**Adhesive:** Modified Acrylic

**Color:** Transparent

## BA 6866 | Composite Drill Breakout Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Composite Drilling, Composite Protection, Drilling, Surface Protection

**Tags:** Abrasion Resistant, Clean Removal, Conformable, Ease of Use, Low Density, Minimal Tenting Effect

**Product Description:** BA 6866 is a flexible soft tape with a natural rubber adhesive for strong adhesion to the production surface but clean removal. The tape is configured in either a coin-shape, as a 2" x 2" patch with a 1" OD LDPE circle insert, or a strip-shape, as a 2" x 8" patch with a

1" x 6" LDPE insert and mounted on a clear peel-off resin liner. Other sizes and configurations available. Within the coin or strip, the layer of non-adhesive LDPE adds needed support when thru-drilling cured carbon fiber parts. Reduction of carbon fiber fragmentation at the drilled-hole "breakout" edge is achieved.

**Approved Specification(s):** BAC 5034-4  
**Adhesive:** Natural Rubber, **Color:** Gold  
**Substrate/Carrier:** PVC Film  
**Process:** Composite Drilling  
**Laminate:** LDPE

## BA 8134 | Thick PET Fleece Tape for High Noise Damping

**Applications:** Damping, Sound Damping

**Tags:** Abrasion Resistant, Hand Tearable

**Product Description:** BA 8134 is a PET fleece wire harness tape with a rubber based adhesive.

**Adhesive:** Rubber

**Application:** Noise Damping

**Process:** Wire Harness

**Substrate/Carrier:** PET Fleece

**Color:** Black

## BA 9533 | Aluminium Laminated Glasscloth for Radiant Heat Reflection

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, High Temperature, Protection, Radiant Heat Reflection, Thermal Control-Passive

**Tag:** High Temperature

**Product Description:** BA 9533 is an aluminium laminated glasscloth with an acrylic adhesive used for radiant heat reflection.

**Adhesive:** Acrylic

**Application:** Thermal Control-Radiant Heat Reflection

**Market:** Aircraft

**Color:** Silver

## BA 9853 | High-Temp Anodizing Masking Tape

**Applications:** Anodizing Masking, High Temp Masking, Maintenance, Repair & Overhaul MRO, Masking, Powder Coating, Powdercoat Masking, Protection, Red, Splicing, Surface Protection

**Tags:** Clean Removal, Conformable, High Temperature, Secure Bonding on Irregular Surfaces, Visibility & Contrast

**Product Description:** BA 9853 is a premium polyester tape with a high temperature resistant silicone adhesive. Due to the high coating weight it ensures a secure bond even to rough or irregular surfaces. The excellent temperature resistance

makes it suitable for high demanding applications such as masking during powder coating, autoclave bonding operations during composite production or wave soldering processes. The dark red color ensures tape visibility at first sight and also automatic detection.

**Application:** Anodizing, Hi Temp Masking, Powder Coating, Splicing

**Color:** Red

**Market:** Aircraft, Composites, Metal Finishing, MRO

**Process:** Anodizing, Powder Coating

**Substrate/Carrier:** PET

## BA 10100 COMPOSITE AND GENERAL FIELD PATCH

# The Fast Repair Field Patch

Watertight repair and protection for ground vehicles, drones, aircraft, water tanks, PVC pipe and more.



### Fiberglass Reinforced Polyester for Long-Lasting Surface Repairs

All Weather, Heat Resistant, Waterproof, Self-Adhering, Industrial Strength Bond Performs on Plastic, Rubber, Pipes, Hoses, Metal, Wood, Fiberglass, Concrete, and more.

- FAR 25.853
- Durable, No Mixing
- Adhesive Sticks to Most Surfaces
- Starts Flexible and Cures Solid
- Water, Weather, UV and Rust Resistant
- Repairs Flat Surfaces, Dents, Angles, Joints



## BA 9983 | Adhesive Transfer Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bonding, Foam Fabrication, Heat Resisting, Tear Resisting

**Tags:** High-Tensile Strength, Highly Conformable, Strong Bond to LSE

**Product Description:** BA 9983 is a 3.3 mil transfer tape (unsupported adhesive) with a modified acrylic adhesive. It bonds well to low surface energy materials and has good foam bonding properties.

BA 9983 offers High Tack adhesion to most foams, and all foils, films and fabrics. This product is an excellent choice for laminating requirements. BA 9983 comes with an 80# White Kraft Liner and offers great Humidity Resistance.

**Adhesive:** Modified Acrylic  
**Liner:** 80# Kraft  
**Liner Color:** White

## BA 9984 | Adhesive Transfer Tape

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Foam Lamination, Laminating

**Tags:** Excellent Foam Bonding, Excellent Initial Tack/Adhesion, High Adhesion, High Tack, Superior Die-Cut, Unsupported Adhesive

**Product Description:** BA 9984 is designed for applications requiring an acrylic adhesive for laminating to polyether and polyester urethane foams where high initial tack and adhesion are required.

BA 9984 offers High Tack adhesion to most foams, and all foils, films and fabrics. This product is an excellent choice for laminating requirements. BA 9984 comes with an 80# White Kraft Liner and offers great Humidity Resistance.

## BA 10100 | Composite and General Field Patch

**Applications:** Attaching, Composite Repairing, Impact Resisting, Outdoor Bonding, Reinforcing, Repairing, Sealing, UV Mitigating, UV Resisting, Very High Bonding, Water, Solvent and Oil Resisting, Weather Sealing, Weatherproofing, Wrapping

**Tags:** Aggressive Adhesive, Cures Solid, Cut to Size, Drill, Durable, Ease of Application, FAR 25.853, Impact Resisting, No Expansion/Contraction, No Mixing, No tools Required, Paint, Sand, Will not rust or rot

**Product Description:** BA 10100 Composite & General Field Patch is a unique in-field composite and general adhesive patch material designed to reduce downtime for aircraft, weapons, marine and other vehicles and applications. BA 10100 is also ideal for drone (AUS, UGV, UAV, etc.) onsite repair. It quickly cures and hardens with UV light or sun's natural UV rays. Ideal for general maintenance and bonds well to fiberglass, plastic, metal, rubber, pipes and hoses.

**Meets Specifications:** FAR 25.853  
**Substrate / Carrier:** Proprietary Polyester / Fiberglass



# BA 4100 Series Aircraft Sealant Remover Tool

**BA 4100 Series Aircraft Sealant Remover Tool** is a rotary cutter designed to remove sealant directly at the bond line. BA 4100 is made from durable Torlon® material that can remove sealant in many applications at a lower product cost with greater efficiency and productivity. For aerospace application, BA 4100 is safe to use on common protective coatings and structural materials.

For general application, use the BA 4110 to engage an edge of the sealant and allow the rotating action to cut through at the bond line. To remove sealant around a fastener, use BA 4115 to engage an edge of the sealant and work toward and counter-clockwise around the fastener.

**BA 4100 Approval(s): BAC5000**



BA 4110 general sealant removal



BA 4115 fastener sealant removal



Defense and Commercial Aircraft Readiness

# MRO Tape Kits

**Bron Aerotech leads the way in providing Customized Pressure-Sensitive Tape Kits to Defense and Commercial Aircraft MROs.**



Heavy Check commonly requires a dozen or more tapes and materials to complete an installation. Procurement can now purchase one Bron Aerotech Kit that combines all of these materials under one part number! Every kit is customizable to your requirements.

## Benefits of Bron Aerotech Kitting:

- Purchase One Line Item vs. Multiple Line Items.
- Eliminates MOQ Requirements for each Item.
- Simplifies Procurement, Planning, Receiving, and Quality Paperwork.
- All Materials are **Just In Time** per Delivery Schedule.
- Reduces Touch Labor for Handling and Installations.
- Reduces Overall Waste Costs – with Exact Roll Lengths, No Unused Product, and No Material Loss.
- Eliminates AOG caused by Production Delays or Inventory Discrepancies.

## We create and supply Custom kits for:

- **Aerospace MRO Custom Kits:** Carpet Tape, Cargo Tape, Corrosion Control Tape
- **Assembly Line Production Kits:** Liquid Shimming Maskants, Paint Masking
- **Composite Layup Material Kits:** Process Materials
- **Aerospace Manufacturing Kits:** Engineering Specific Designs/Kits, Fastener Locating
- **Component Hardware Kits**



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