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ISO 9001:2015 + AS9100D
Cage Code 497Y0
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BA 12998 & BA 12989 Non-Silicone Red or Violet Polyester Tape
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BA 7891 Green Polyester Tape
BA Blue Flash 1 & 2 Tape: High Temperature Polyester Film with Silicone Adhesive
BA ETFE 1 & 2 Release Film: Perforated and Non-Perforated
BA FEP 1 & 2 FEP Release Film for Complex Contours, Perforated or Non-Perforated
BA TC56 PTFE Coated Fabric
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Composite Process Materials
BA 255 Five (5) MIL Polyester Film
BA 85TC-3 & BA 85TC-5 PTFE Glass Mold Release Tape
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BA 1089 Non-Silicone PTFE Tape
BA 1544, BA 1844, BA1944 Green, Non-Silicone, Zero Residue Flash Tape
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BA 7891 Green Polyester Tape
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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 ISO 9001:2015 + AS9100D 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.
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

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.

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.

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
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<th>Tape Type</th>
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<tr>
<td>**BA 384</td>
<td>Paint Adhesion Test Tape**&lt;br&gt;Applications: Aircraft &amp; Spacecraft Manufacturing &amp; Assembly, Coating Adhesion, Paint Adhesion, Testing&lt;br&gt;<strong>Product Description:</strong> BA 384 is a white, high adhesion flatback paper tape designed for paint adhesion testing and quality inspection. BA 384 adheres to many production surfaces and coatings and the rubber-based adhesive removes cleanly. BA 384 meets Boeing BS57226 6.1.1 specification and is supplied with both Certificate of Analysis and Certificate of Conformance to ensure consistency of adhesion (60 ounces plus) for each lot. <strong>Process:</strong> Paint Adhesion Test Tape&lt;br&gt;<strong>Application:</strong> Adhesion, Painting, Powder Coating, Testing</td>
</tr>
<tr>
<td>**BA 815L</td>
<td>Linered Silicone Powder Coating Tape**&lt;br&gt;Applications: Aircraft &amp; Spacecraft Manufacturing &amp; Assembly, Anodizing Masking, Chemical Masking, Masking, Protection, Surface Protection, Temporary Surface Protection, Transportation&lt;br&gt;<strong>Product Description:</strong> 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. <strong>Color:</strong> Green&lt;br&gt;<strong>Application:</strong> Surface Protection, Transportation, Chemical Processing (Masking)&lt;br&gt;<strong>Substrate/Carrier:</strong> Polyester&lt;br&gt;<strong>Approved Specification(s):</strong> BAC 5034-4</td>
</tr>
<tr>
<td>**BA 855</td>
<td>Surface Protection Tape**&lt;br&gt;Applications: Aircraft &amp; Spacecraft Manufacturing &amp; Assembly, Protection, Surface Protection, Tool Wrapping, Wrapping&lt;br&gt;<strong>Product Description:</strong> 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. <strong>Approved Specification(s):</strong> BAC 5034-4</td>
</tr>
<tr>
<td>**BA 876</td>
<td>Single Coated Polyethylene Tape**&lt;br&gt;Applications: Aircraft &amp; Spacecraft Manufacturing &amp; Assembly, Protection, Surface Protection, UV Protection&lt;br&gt;<strong>Product Description:</strong> BA 876 has a heavy duty polyethylene backing, single coated with a synthetic rubber adhesive. <strong>Color:</strong> Black&lt;br&gt;<strong>Approved Specification(s):</strong> BAC 5034-4, FAR 25.853&lt;br&gt;<strong>Adhesive:</strong> Synthetic Rubber&lt;br&gt;<strong>Substrate/Carrier:</strong> Polyethylene</td>
</tr>
<tr>
<td>**BA 951</td>
<td>Single Coated Polyester Tape**&lt;br&gt;Applications: Aircraft &amp; Spacecraft Manufacturing &amp; Assembly, Anodizing, Masking, Countersink, Drilling, Marking, Part Marking, Protection, Quality Assurance Masking, Surface Protection&lt;br&gt;<strong>Product Description:</strong> BA 951 is used for 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 will remain removable even after long periods of time. <strong>Substrate/Carrier:</strong> Polyester&lt;br&gt;<strong>Application:</strong> High Duty Surface Protection, Drilling, Countersink, Quality Inspection, Part Marking, Machine and Shop Handling&lt;br&gt;<strong>Approved Specification(s):</strong> BAC 5034-4, BAC 5037 Part Marking</td>
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<tr>
<td>**BA 951RT</td>
<td>Rivet Tape**&lt;br&gt;Applications: Clear/Amber, FOD Control, Riveting, Temporary Surface Protection&lt;br&gt;<strong>Product Description:</strong> 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. <strong>Process:</strong> Rivet Setting&lt;br&gt;<strong>Specification(s):</strong> BAC 5034-4&lt;br&gt;<strong>Color:</strong> Clear / Amber</td>
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<tr>
<td>**BA 975</td>
<td>Foil-Aluminum Shielding / Anodizing Tape**&lt;br&gt;Applications: Aircraft &amp; Spacecraft Manufacturing &amp; Assembly, Masking&lt;br&gt;<strong>Product Description:</strong> BA 975 is manufactured from aluminum foil and coated with a high temperature pressure-sensitive silicone adhesive. <strong>Substrate/Carrier:</strong> Foil-Aluminum&lt;br&gt;<strong>Application:</strong> Masking, Shielding, Surface Protection&lt;br&gt;<strong>Approved Specification(s):</strong> BAC 5034-4 for Manufacturing Protection</td>
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<tr>
<td>**BA 45103PF</td>
<td>Printable Protective Film**&lt;br&gt;Applications: Aircraft &amp; Spacecraft Manufacturing &amp; Assembly, Protection, Surface Protection, Temporary Surface Protection, UV Protection&lt;br&gt;<strong>Product Description:</strong> BA 45103PF consists of a self-wound black &amp; white LDPE co-extruded film coated with a natural rubber based adhesive. <strong>Color:</strong> White / Black&lt;br&gt;<strong>Process:</strong> Machine and Shop Handling&lt;br&gt;<strong>Application:</strong> Surface Protection, UV Protection&lt;br&gt;<strong>Approved Specification(s):</strong> BAC 5034-4</td>
</tr>
</tbody>
</table>
# Boeing Commercial Aircraft Approved Materials

## 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

**Market:** Aircraft, MRO

**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

**Market:** Aircraft, MRO

## 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, Riveting, Surface Protection, 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. It also has a thin overall profile to accommodate fastener setting tolerances.

**Application:** Rivet Setting

**Color:** Amber / Clear

**Process:** Rivet Setting

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

## BA 5439RT

<table>
<thead>
<tr>
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## BA 6019RT

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<thead>
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<tbody>
<tr>
<td>BA 6019RT</td>
<td>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. See page 12.</td>
</tr>
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## BA 55410RT

<table>
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## BA 951RT

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</tr>
</tbody>
</table>
**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

**Color:** Amber / Clear

**Substrate/Carrier:** Natural Rubber

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

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**BA 6019RT | Rivet Tape**

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Fastening, FOD Control, Masking, 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

**Adhesive:** Slightly-creped paper

**Process:** Aircraft, MRO

**Market:** Aerospace, Renovation, Masking

**Process:** Aircraft, MRO

**Better Attributes:** Flammability, Temperature, Flame Retardant features.

**Approved Specification(s):** BAC 5034-2, FAR 25.853

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**BA 6866 | Gold or Clear Film Tape**

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Attatchment, Composite Protection, Countersink, Die-Cutting, Drilling, Fine Line 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 fine line 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:** Clear, Gold

**Adhesive:** Natural Rubber

**Substrate/Carrier:** PVC Film

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**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 film 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

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**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:** Aircraft, MRO

**Process:** Renovation, Masking

**Substrate/Carrier:** Slightly-creped paper

**Approved Specification(s):** BAC 5034-2, FAR 25.853

For information or to order: 1-800-782-8807 | BronAerotech.com | service@bronaerotech.com

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**BA 9003 | 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

For information or to order: 1-800-782-8807 | BronAerotech.com | service@bronaerotech.com

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**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, General Protection

**Approved Specification(s):** BAC 5034-4, FAR 25.853

For information or to order: 1-800-782-8807 | BronAerotech.com | service@bronaerotech.com
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 D6-1818

BA Green Flash 2R-SF | 2 mil Green Non-Silicone, Zero Residue Flash Tape

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

Color: Green

Substrate/Carrier: Polyester

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

Application: Surface Protection, Holding, Wrapping

Approved Specification(s): BAC 5034-4

Don’t let FOD get under your skin.

Introducing our new BA 6866 tape® for drill, countersink, outdoor transportation and FOD control. Visit our website bron aerotech.com to view other Bron Aerotech tapes, films, adhesives and fabrics that Boeing trusts to touch and protect its aircraft skins.

*Approvals: BAC 5034-4, BAC 5307

For information or to order: 1-800-782-8807 bron aerotech.com

**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

| Approved Specification(s): | GE # C10-012, P&W PMC# 4630, RR OMA# 2/96M |
| Adhesive: | Silicone |
| Substrate/Carrier: | Silicone/Glass Cloth |

**BA 510-10 | Thermal Spray Masking Tape**

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Maintenance, Repair & Overhaul MRO, Thermal Spraying / HVOF, Wire Arc

**Tag:** Abrasion-Resistant, Conformable, High Temperature, Thermal Resistant

**Product Description:** BA 510-10 is a high temperature glass cloth/silicone rubber Thermal Spray Masking Tape designed for the most severe Thermal Spray plasma, wire arc and some HVOF applications.

| Approved Specification(s): | P&W PMC# 4630 |
| Adhesive: | Silicone |
| Application: | Thermal Spray Masking, Plasma, Wire Arc, HVOF |
| Market: | MRO |
| Substrate/Carrier: | Silicone/Glass Cloth |

**BA 510-20 | Thermal Spray Masking Tape**

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Maintenance, Repair & Overhaul MRO, Thermal Spraying / HVOF, Wire Arc

**Tag:** Abrasion Resistant, High Temperature

**Product Description:** BA 510-20 is a high temperature thermal spray masking tape designed for use in the most severe thermal spray masking applications.

| Adhesive: | Silicone |
| Application: | Thermal Spray Masking, Plasma, Wire Arc, HVOF |
| Market: | Aircraft, MRO |
| 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

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

**Tag:** 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.

| Approved Specification(s): | GE # C10-012, P&W PMC# 4458, RR OMA# 2/96L |
| 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

**Tag:** 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)., Mil-I-19166C, Regulation Part 25.855 (a-1).

| Approved Specification(s): | Federal Aviation Regulation Part 25.855 (a-1), Mil-I-19166C, P&W PMC# 4273, RR OMA# 2/203 |
| 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, Splicing, Surface Protection, Temporary Surface Protection, Thermal Spraying / HVOF, Under Wrap, Wrapping

**Tag:** 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, Thermal Spray |
| Approved Specification(s): | P&W PMC# 4614, RR OMA# 2/204 |
| Adhesive: | Silicone |
BA 699 | Plasma Tape

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

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BA 1864-8R-GE | Plasma Spray Tape

**Applications:** Abrasion Resistance, Insulating, Maintenance, Repair & Overhaul MRO, Protection, Electrical, Spacecraft Manufacturing & Assembly, Electrical / HVOF, Wrapping

**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

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BA 5107 | Plasma Tape

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

**Approved Specification(s):** P&W PMC# 4664

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

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BA 6101 | Flame Spray Tape, Plasma Tape

**Applications:** Abrasion Resistance, Protection, Temporary Surface Protection, Thermals, Thermal Resistance, Thermal Spray / 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

**Approved Specification(s):** P&W PMC# 4433

**Adhesive:** Silicone

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

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BA 6103 | Flame Spray Tape, Plasma Tape

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

**Approved Specification(s):** P&W PMC# 4235

**Adhesive:** Silicone

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BA 8185-03 | Plasma/ Flame Spray Tape

**Applications:** Abrasion Resistance, Insulating, Maintenance, Repair & Overhaul MRO, Protection, Spacecraft Manufacturing & Assembly, Electrical / HVOF, Wrapping

**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

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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 Spray, 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 metallization, Holding, Splicing

**Market:** Electrical, MRO

**Substrate/Carrier:** Glass Cloth

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For information or to order: 1-800-782-8807
BronAerotech.com service@bronaerotech.com
BA 102 | Media Blast/Impact Tape

Applications: Abrasion Resistance, Maintenance, Repair & Overhaul MRO, Masking, Medialasting, Peening Masking, Protection, Surface Protection, Temporary Surface Protection

Tags: Abrasion Resistant, Impact Resistant

Product Description: BA 102 media blast is a tan rubber sandblast stencil. Computer cuttable, BA 102 is designed to be used with most computer plotters. It is available in friction feed and slot or tractor feed designs.

BA 103 | Media Blast/Impact Tape

Applications: Maintenance, Repair & Overhaul MRO, Masking, Medialasting, 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: Medialblast, 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 1203 | Blast Impact Tape – Media Blast

Applications: Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, Maintenance, Repair & Overhaul MRO, Masking, Medialasting, 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: Medialblast, Shot Peening

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


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 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 2005 | Aluminum Foil Tape

Adhesive: Natural Rubber

Application: Paint Masking, Surface Protection

Substrate/Carrier: Polyethylene Film

BA 3977 | Surface Protection and Masking Tape

Applications: Masking, Paint Masking, Protection, Surface Protection

Tags: Clean Removal, Flame Retardant, Scratch Resistant

Product Description: BA 3977 is a self-adhesive polypropylene tape with a natural rubber adhesive.

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 6439 | Acrylic Coated Cloth Tape

Applications: Black, Bundling, Color, Grey, Green, Holding, Red, Sealing, White, Yellow

Tags: Abrasion Resistant, Die Cuts, Hand Tearable, Water Resistant

Product Description: BA 6439 is a strong acrylic coated cloth tape with a mesh woven rayon fabric backing and a natural rubber adhesive.

Color: Black, White, Grey, Red, Green, Yellow

Adhesive: Natural Rubber

Application: Bundling, Carpet Hold-Down, Floor Marking, Reinforcing, Sealing

Substrate/Carrier: Acrylic-Coated Cloth

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 Removable, 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, 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 6779 | High Temperature Masking Tape


Tags: Anti-Spotting, Clean Removal, Conformable, Hand Tearable

Product Description: BA 6779 is an extremely temperature resistant, flat back masking tape for high-stress electrostatic powder coating.

Adhesive: Silicone

Application: Powder Coating, Process: Electrostatic Powder Coating

Substrate/Carrier: PET Fleece

BA 6867 | Fineline Tape for Design Painting

Applications: Aircraft & Spacecraft Manufacturing & Assembly, Design, Fineline Painting, Masking, Paint Masking, Yellow

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.

Substrate/Carrier: PVC Film

Adhesive: Natural Rubber

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.

Substrate/Carrier: Flat Paper

Adhesive: Acrylic

BA 7161 | Stencil Material for Sandblasting, Protection and Reinforcement

Applications: Aircraft & Spacecraft Manufacturing & Assembly, Protection for Sandblasting, Masking, Sandblasting Masking

Tags: Hand Tearable, Plottable

Product Description: The stencil material BA 7161 is used to cover serial plates during rust removal on steel vessels and for masking during sandblasting in bridge and machinery construction.

Adhesive: Natural Rubber

Substrate/Carrier: Flat Paper

Application: Sandblasting Masking

BA 7161 | Stencil Material for Sandblasting, Protection and Reinforcement

Applications: Aircraft & Spacecraft Manufacturing & Assembly, Protection for Sandblasting, Masking, Sandblasting Masking

Tags: Hand Tearable, Plottable

Product Description: The stencil material BA 7161 is used to cover serial plates during rust removal on steel vessels and for masking during sandblasting in bridge and machinery construction.

Adhesive: Natural Rubber

Substrate/Carrier: Flat Paper

Application: Sandblasting Masking
BA 7169 | Masking Tape for Sandblasting Applications

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Belting, Masking, Masking for Sandblasting, Protection, Splicing, Surface Protection, Temporary Surface Protection

**Tags:** Conformable, Hand Tearable

**Product Description:** BA 7169 is a special masking tape with a tough, resistant, stabilized paper backing and a strong adhesive. Due to the resistant paper backing, BA 7169 is suitable as a stencil material for sandblasting glass, mirrors and stone with normal durability.

**Application:** Masking, Sandblasting Masking, Splicing

**Substrate/Carrier:** Flat Paper

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BA 7315 | Standard Polyethylene Coated Cloth Tape

**Applications:** Bonding, Bundling, Closing, Fastening, Holding, Marking, Splicing

**Tags:** Abrasion Resistant, Hand Tearable

**Product Description:** BA 7315 is a standard grade polyethylene coated cloth tape with a 55 mesh woven PET/trayon fabric backing coated with a pressure sensitive natural rubber adhesive.

**Adhesive:** Natural Rubber

**Application:** Bonding, Bundling, Closing, Fastening, Masking, Packaging, Splicing

**Substrate/Carrier:** PE Extruded Cloth

**Approved Specification(s):** TLV 0027/01/06

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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

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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

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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

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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

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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 8850 | Mold Release Tape

**Applications:** Abrasion Resistance, Bundling, Cable and Wire Harness Protection, Gold Finger Masking, Heat Sealing, Insulating, Metal Plate Protection, Phase Insulation, Roller Wrapping, Sealing

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

**Product Description:** BA 8850 is manufactured from 2.0 high modulus coated with 1.5 mil pressure sensitive rubber adhesive. Excellent conformability and release properties of the PTFE backing make BA 8850 ideal for applications such as composite lay-up, roller wrapping, plate masking, heat sealing and other uses where costly clean up is a problem. The aerospace industry uses it in phase insulation for bundling end turns, spot bundling, anchor breakouts and to protect airframe wire harnesses.

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## BA 8861 | Surface Protection and Masking Tape

**Applications:** Masking, Paint Masking, Protection, Surface Protection, Temporary Surface Protection

**Tags:** Clean Removal, Flame Retardant

**Product Description:** BA 8861 is a transparent self-adhesive polyethylene tape with an acrylic adhesive for masking large areas of plastic parts during professional painting processes.

| Color             | Transparent |
| Adhesive          | Acrylic     |
| Application       | Masking, Surface Protection |
| Process           | Painting    |
| 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

**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 source and electron beam, 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

**Product Description:** BA 81957 is manufactured from heat-resistant fiberglass cloth backed 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, Postioning, 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 Bron 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.

**Adhesive:** Various

| Market            | Aircraft, MRO, Space |
| Process           | Assembly, FOD Control, Location Accuracy, Quality Inspection, Painting |

**For information or to order:** 1-800-782-8807

**service@bronaerotech.com**
**BA 255 | 5 MIL Polyester Film**

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

**Tags:** Clean Removal, Low Cost

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

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**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.

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**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.

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**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

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

**Applications:** Aircraft & Spacecraft Manufacturing & Assembly, Bonding, Composite Bonding, Composite Flashbreaking, Composite Process, Die Cuts, High Temperature, Masking, 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.

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**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.

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**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.

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**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, Tabbing, 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, flashbreaker, and bag sealing applications. Additional applications include splicing, tabbing or roll closing silicone treated liners or materials.

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**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.

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**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.
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-slip surface allow BA FEP1 and BA FEP2 to conform to complex mold contours and produce a smooth part finish. 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 dissipations. Resistivity of the AS version is less than 106 ohms/square.

Color: Blue

Adhesive: Silicone

Market: Aircraft, Composites, Space

Application: Aircraft & Spacecraft Manufacturing & Assembly, Blue, Chemical Masking, Composite Flashbacking, 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.

BT 183 | Polyester Silicone Masking Tape

Applications: Abrasion Resistance, Aircraft & Spacecraft Manufacturing & Assembly, 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.

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.

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.

Color: Blue

Adhesive: Silicone

Market: Aircraft, Composites, MRO

Application: Aircraft & Spacecraft Manufacturing & Assembly, Blue, Chemical Masking, Composite Flashbacking, 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.
**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:** BA731T 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 Conduction and Dielectric, Electrical Insulating, 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 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, Marking, Protection, Surface Protection
- **Tags:** Class H, High Temperature
- **Substrate/Carrier:** Polyimide
- **Market:** Aircraft, Electronics, MRO, Space
- **Process:** Electronics Manufacturing

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

**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 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
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• Space Qualified Glass Cloth Tape
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BA 500BC/CF500F Beta Cloth (Fabric) | PTFE coated fiberglass “Beta Cloth”

Applications:
• 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 MLI (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.

Color: White

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

For more information or to purchase beta cloth, please contact us:
Bron Aerotech
800.782.8807
service@bronaerotech.com

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 / Electronic Conduction and Dielectric, Electri

Product Description:
BA 500BCGW, utilizes a tightly woven Betal® fiberglass substrate with a woven 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

For more information or to purchase beta cloth, please contact us:
Bron Aerotech
800.782.8807
service@bronaerotech.com

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

For more information or to purchase beta cloth, please contact us:
Bron Aerotech
800.782.8807
service@bronaerotech.com
### Space Materials

#### BA 31968

**Product Description:** BA 31968 is a 50 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 the first surface mirror applications. BA 31968 is engineered for use in multi-layer insulation (MLI) blanket applications and complies with the requirements of Federal Specification LP-377.

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

**Market:** Space

**Substrate/Carrier:** PET

#### BA 4966

**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 bus 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 6145

**Product Description:** BA 6145 is a transparent double-sided self-adhesive tape consisting of a PET substrate, high-adhesion, high temperature, high tack acrylic transfer adhesive. It offers a reliable bond even to low surface energy substrates and is immediately usable after assembly. BA 6145 is 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.

**Tags:** Adhesive: Acrylic Color: Clear

**Substrate/Carrier:** PET

#### BA 7393

**Product Description:** BA 7393 is a special cloth tape used for applications where long term, outdoor stability and transparency are needed.

**Adhesive:** Synthetic Rubber

**Substrate/Carrier:** PE Extruded Cloth

### Specialty Materials

#### BA 324

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

**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 the first surface mirror applications. BA 324 is 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.

For information or to order: 1-800-782-8807

service@bronaerotech.com
**BA 7641 | Double-sided Non-woven Tape with Differential Adhesive**

**Applications:** Laminating, Mounting  
**Product Description:** BA 7641 is a translucent double-sided self-adhesive tape consisting of a non-woven backing and a tackified acrylic adhesive with lower coating weight on the open side (differential adhesion).  
**Adhesive:** Differential Adhesion, Tackified Acrylic  
**Substrate/Carrier:** Non-woven

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**BA 7655 | Double-sided Transparent Filmic Tape**

**Applications:** Bonding, Holding  
**Tags:** Chemical Resistant, High Initial Tack, Moisture Resistance  
**Product Description:** BA 7655 is a transparent double-sided self-adhesive tape consisting of a PET backing and a modified acrylic adhesive.  
**Adhesive:** Tackified Acrylic  
**Substrate/Carrier:** PET Film

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**BA 7670 | Double-sided Non-woven Tape**

**Applications:** Bag Sealing, Laminating, Light-weight Mounting, Mounting, Sealing, Splicing  
**Tags:** Good Humidity Resistance, UV Resistant  
**Product Description:** BA 7670 is a double-sided tape consisting of a non-woven backing equipped with a solvent based tackified acrylic adhesive that provides a high initial tack and a good shear resistance.  
**Color:** Translucent  
**Substrate/Carrier:** Nonwoven  
**Type of Liner:** PE-coated paper

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**BA 7691 | Double-sided Tape with Fabric Backing**

**Applications:** Holding, Laminating, Splicing, Temporary Holding  
**Tags:** High Shear, Humidity Resistant, Softener Resistant, UV Resistant  
**Product Description:** BA 7691 consists of a tear resistant flexible fabric backing with a rubber adhesive system.  
**Adhesive:** Natural Rubber  
**Substrate/Carrier:** Cloth  
**Application:** Carpet Hold-Down, Honeycomb  
**Milling Hold-Down**  
**Color:** White

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**BA 7699 | Premium Double-sided Non-woven Tape**

**Application:** Mounting  
**Tag:** Chemical Resistant, Humidity Resistant, Softener Resistant, UV Resistant  
**Product Description:** BA 7699 is a premium double-sided tape consisting of a non-woven backing and a tackified acrylic adhesive.  
**Adhesive:** Tackified Acrylic  
**Substrate/Carrier:** Nonwoven  
**Application:** Mounting  
**Color:** Translucent

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**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

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**BA 8160 | Transparent Double-sided Filmic Tape**

**Application:** Mounting  
**Tags:** Chemical Resistant, High Shear, Softener Resistant, UV Resistant  
**Product Description:** BA 8160 is a transparent double-sided tape consisting of a PP-film backing and a tackified adhesive.  
**Adhesive:** Tackified Acrylic  
**Substrate/Carrier:** Polypropylene Film  
**Application:** Mounting  
**Color:** Transparent

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**BA 8161 | Double-sided Filmic Tape**

**Application:** Mounting  
**Tag:** Chemical Resistant, High Shear, Humidity Resistant, Softener Resistant, UV Resistant  
**Product Description:** BA 8161 is a white double-sided self-adhesive tape consisting of a PP-film backing and a tackified acrylic adhesive.  
**Adhesive:** Tackified Acrylic  
**Application:** Mounting  
**Color:** White  
**Substrate/Carrier:** Polypropylene Film
**BA 9265 | Foil Masking / Anodizing Tape**

*Application:* Mounting

*Tag:* Chemical Resistant, Humidity Resistant, UV Resistant

*Product Description:* BA 9265 is a double sided PE foam tape for constructive mounting applications. It consists of a conformable PE foam backing and a tackified acrylic adhesive.

**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.

**BA 9853 | High-Temp Anodizing Masking Tape**

*Application:* 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.

**Chemetall Surface Treatment Products**

**Surface Treatment Systems for Aerospace**

*Description:* As a leading global one-stop supplier for Aerospace OEMs and maintenance companies, with its well-known Ardrox® and Naftoseal® brands, Chemetall offers sealants, NDT products, corrosion protection products, cleaners, pretreatment products and paint strippers for airplane, aircraft operation and aero-engine applications. We stock and supply a wide range of products from Chemetall. Please contact us for more information or to order any Chemetall products.

- Exterior Cleaners
- Interior Cleaners
- In-Process Cleaners
- All-Purpose Facility Cleaners
- Compressor Cleaners
- Engine Overhaul
- Paint Strippers
- Corrosion Inhibitors
- Solvents
- Pre-Paint
- Coolants
- NDT

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For information or to order: 1-800-782-8807

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BA 384
Paint Adhesion Test Tape

- White, high adhesion, high tensile flatback paper tape
- Designed for paint adhesion testing and quality inspection
- Supplied with both Certificate of Analysis and Certificate of Conformance to ensure consistency of adhesion (60 oz/in +) for each lot
- Adheres to many production surfaces and coatings
- Rubber-based adhesive removes cleanly
- Meets Boeing BSS7225 6.1.1 specification

BA 384 is a white, high adhesion, high tensile flatback paper tape designed for paint adhesion testing and quality inspection. BA 384 adheres to many production surfaces and coatings and the rubber-based adhesive removes cleanly. BA 384 meets Boeing BSS7225 6.1.1 specification and is supplied with both Certificate of Analysis and Certificate of Conformance to ensure consistency of adhesion (60 ounce plus) for each lot.

See it online:
bronaerotech.com/product/ba-384