



Material Solutions for the **Aerospace Industry**



AN EMPLOYEE OWNED COMPANY



Critical Materials for

Aerospace Manufacturing and MRO Requirements

Structural Bonding with Aerospace Epoxy Adhesives

Solutions for: assembling primary aircraft structures such as fuselages, wings, engine nacelles and secondary structures, as well as aircraft interior adhesive bonding and honeycomb panel edge-fill. We stock aerospace epoxy adhesive products for a wide range of applications including depot level and field repair bonding, composite repair and liquid shim applications. Aerospace adhesive products distributed by Hisco conform to stringent aerospace manufacturer specifications and requirements including cold temperature storage, shelf life limitations, labeling, documentation and user-friendly packaging.

Composite Materials

Solutions for: manufacturing structural, lightweight composite assemblies such as wing panels and leading or trailing edges and doors. Our aerospace adhesive product lines include structural epoxy paste adhesives, structural film adhesives and core splice products, as well as structural composite materials in the form of syntactic pastes and films, expanding composite film products, surfacing films and composite peel-ply films.

Bonding and Masking with Tapes

Solutions for: mechanical fastener alternatives, aircraft interior applications (flame-retardant reclosable fasteners), leading-edge protection, masking, composite tooling, vacuum bagging and composite processing materials (flash-breaker tapes offering high-temperature processing, mold assembly). Bonding and masking tapes distributed by Hisco are used for high bond strength, lightweight, quick assembly applications. Our tape products include fabrication solutions like die-cut parts and sheeted goods, as well as masking materials for protection during stripping, handling and shipping.

Surface Treatment and Conditioning

Solutions for: metal surface preparation for painting and adhesive bonding. We provide aerospace specialty cleaning agents and conversion coatings for multi-stage technology metal processing. In addition to environmentally safe cleaning agents for manufacturing, maintenance and overhaul, we can supply carbon removers, paint strippers and primers for metallic and non-metallic substrates. Surface cleaning and conditioning options include quality-engineered abrasives with an extended life for increased productivity and cost reduction.



Material Solutions for the Aerospace Industry

Hisco Delivers Documented Value through Distribution, Manufacturing and Supply Chain Solutions

The high-technology aerospace industry has exacting demands. At Hisco it is our goal to offer you the products and services you need as a trusted solutions provider. For our aerospace customers, we provide quality materials to OEM and tiered manufacturers of structural aircraft metal and composite assemblies for commercial aviation, general aviation, military and defense. We also service manufacturers of aircraft replacement parts, aircraft repair facilities and electronic component manufacturing, assembly and repair operations.

We recognize the complexity of regulations, compliance, product quality, certification documentation, health and safety requirements and other standards specific to the aerospace industry, and we can support projects with the highest level of confidence, quality, best practices and procedures. Our expertise is backed by quality certifications to supply critical materials used by all segments of the aerospace industry. Currently more than 90% of our locations are ISO 9001 certified. 11 of our distribution locations are AS9120 certified and both Precision Converting and Adhesive Materials Group are AS9100 certified.

We are committed to maintaining the highest standards of compliance with U.S. export laws and regulations, and maintain policies and procedures to ensure compliance with all applicable export laws.

Quality Products from Trusted Brands

Our supplier base has grown to include world-class organizations and product brands such as Henkel Aerospace (Loctite Aero, Bonderite, Frekote, SynCore), Hentzen Coatings, 3M Industrial, Alpha, Appli-Tec, Avery Dennison, BGF Industries, Bluestar Silicones, Brady, Lamart Corporation, LPS, Petroferm, Saint Gobain, Velcro Aerospace, Lord Corporation, NuSil Technology and many more industry leaders and "Best in Class" aerospace industry brands.





Coatings

Solutions for: coating/sealing exterior or interior structures requiring cleaning, protecting, pretreating, and/or enhancing adhesive bonding. We are a supplier of military and commercial aircraft corrosion-inhibiting primers and topcoat paint products as well as PSA laminates that can be easily applied to specification and conformal coatings with heat cure, UV cure and room temperature cure options.

Insulation

Solutions for: applications requiring insulation against electrical, thermal, heat-resistant RFI and EMI. Materials include polyimide, polyester and other dielectric materials with UL rating. Glass, UL polypropylene, polyester and silicone film materials are available in die-cut parts, rolls and sheets. We can supply radio frequency interference and electromagnetic interference materials from copper to tin (also available in rolls and custom die-cut sizes for quick assembly).

Engineered Textiles

Solutions for: applications requiring specialized fabrics with high strength, high temperature or lightweight properties in producing structural integrity, as well as thermal, environmental and ballistic protection.

Composite Processing Materials

Solutions for: bagging metal assemblies and composite structures for autoclave processing. We provide release films, breather and bleeder woven and non-woven cloths, bagging films, vacuum bag/tooling tape sealants and mold release products.

Aerospace Electronic Manufacturing, Assembly and Repair Interconnections

Solutions for: applications requiring conductors, tinning, soldering, insulating, labeling and attachment. From circuit board manufacturing to assembling, testing and repairing the finished product, we have the materials, tools and production supplies you need to do the job. As North America's largest supplier of soldering materials and chemicals, we can supply coated wire and magnet wire, low pressure molding (LPM) with hot-melt materials, heat-shrink tubing for insulation and protection, wire markers, labels and print solutions.

MRO

Solutions for: aircraft maintenance including cleaners, solvents, paint removers and abrasives for major cleaning programs and manual processes. Our product line also includes conversion coatings, aircraft primer and finish coatings as well as many other eco-friendly, economical and efficient products for aircraft maintenance and overhaul operations.



Packaging

Solutions for: packaging, parts protection, surface masking, blocking/bracing, cushioning and repackaging or “down packing” large containers of material into smaller, user-friendly, safer, properly labeled containers.

Manufacturing Services

Precision Converting, a Hisco division, specializes in custom converting of flexible materials. From tape and foams to plastics and adhesives, our services include die-cutting, kiss-cutting, slitting, rapid prototyping, laminating, sheeting, island placement, specialty converting, kitting and more.

AMG, another division of Hisco, delivers custom packaging solutions to meet precise specification. We package adhesives, sealants and resins into economical containers that eliminate waste, increase production yields, save space, lower costs and are easy to store.

Technical Support

With a team of 150 outside and inside sales representatives throughout the U.S., Canada and Mexico, we provide technical support and engineering expertise for your aerospace applications. Our staff is trained to assist in process development, material selection and specifications, as well as product support.

Documented Cost Savings

We understand the significance of reducing total cost through effective supply chain solutions. In a 14-year period, we helped our customers realize cost savings and/or cost avoidances of more than \$110 million through our automated Documented Cost Savings program. Not only do we create value, we document it. We'll supply a cost reduction form for your authorization that shows both direct and indirect benefits.

Local Inventory

The international Hisco branch network includes 34 stocking locations - 24 in the United States (including Puerto Rico and the Dominican Republic), 10 operated by our HiscoMex subsidiary in Mexico and one operated by HiscoCan in Canada. Local inventory allows us to respond rapidly to standard, JIT and emergency needs.

Professional Associations

Aerospace Industries Association (AIA), American Composites Manufacturers Association (ACMA), National Business Aviation Association (NBAA), Society for the Advancement of Material and Process Engineering (SAMPE).

BRANCH OFFICES

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CANADA - HiscoCan

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CARIBBEAN

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TIJUANA

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CORPORATE & SERVICE LOCATIONS

UNITED STATES

HISCO CORPORATE

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ALL-SPEC

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Fax: (910) 763-5664

MEXICO - HiscoMex

HiscoMex CORPORATE
Inside Mexico: (656) 616-7026 or
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ADHESIVE PACKAGING

ADHESIVE MATERIALS GROUP (AMG)

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PRECISION CONVERTING

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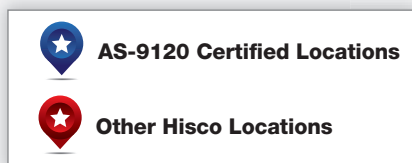
CALIFORNIA

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DISTRIBUTION CENTER

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AN EMPLOYEE OWNED COMPANY



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An Equal Employment Opportunity Company