



AVDEL

INDIA

Avdel (India) Pvt. Ltd was established in 1961, with interests in various business sectors including Aerospace, Transportation, Defence and Aviation.

Avdel India is an ISO 9000:2015 & AS 9120B:2016 certified company. With headquarters in Mumbai (India), Avdel India has regional office in Bengaluru (the aerospace hub of the country) and Sales offices in Hyderabad and Trivandrum.

Avdel India operates under the following divisions:

a. Aerospace, Transportation & Defence (ATD) Division:

Avdel ATD division was set up in 1998 to cater to the fastener requirements of an expanding aerospace industry in India. Since then, the product range has expanded not just in the Fastener and Hardware, but to Mechanical Control Cables and to Advanced materials as well.

Along with providing tooling support in India, Avdel India's USP over the years has been extended to provide fastening solutions for metallic and composite applications. With distribution and representation for world leading brands, Avdel India has emerged as a leading supplier to their customers for these products; not just for the Aerospace segment but also for Transportation and Defence segment.

Avdel India has warehousing facilities in Thane and Panvel where all products are stocked enabling them for hassle free clearing and logistics services for both Delivery Duty Paid (DDP) and Delivery Duty Unpaid (DDU) consignments. Avdel India can also handle all necessary import documentation and delivery fulfillment directly to the stores of the customers.

Avdel India's commitment to integrity, quality and social responsibility extends to its diverse and worldwide supply base. To ensure that suppliers conduct business with high degree of integrity and in responsible manner, all of our suppliers are expected to adhere to the Supplier Quality Manual, which lays down their responsibilities.

b. Aviation Division:

Avdel Aviation was started as a separate division of Avdel India in 2014 to cater to the needs of the growing commercial Aviation and MRO segment in India with special focus on Business Aviation. Avdel Aviation along with their partners provides complete Trip Management Services, Aircraft Interior Refurbishment, Aircraft Acquisition & Sales and MRO Support.

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Fasteners & Hardware | Advanced Composites | Aviation Services



AVDEL

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Fasteners

Avdel India supplies a wide range of fastening solutions and other hardware which are used widely by the Aerospace, Transportation and Defense Industries. All supplies are made to internationally accepted standards with aerospace documentation and full traceability.

Avdel India fasteners are available in various materials such as Aluminum Alloy, Steel, Stainless Steel, CRES, Inconel, Titanium and Composite materials. These include light weight & high temperature fasteners.



Solid Rivets



Blind Rivets



Blind Bolts



Hi-Lok® & Hi-Lites®



Adhesive Bonded Fasteners



Helicoil® Inserts



Anchor Nuts



Isolator: Honeycomb Panel Inserts

Avdel range includes:

- Adhesive bonded fasteners
 - Nut plates
 - Studs
 - Stand-offs
 - Cable tie mounts
- Anchor nuts
- Blind rivets
- Bolts, screws, nuts and washers
- Blind bolts
 - Composi-lok®
 - Osi-Bolt®
 - Radial Lok®
 - VisuLok® II
- Engine Bolts
- Fasteners for soft core materials
- High temperature fasteners
- Hi-lok pin & collar
- Quarter turn fasteners
- Inserts for Honeycomb
- Quick release pins & accessories
- Semi tubular rivet
- Solid rivets
- Threaded inserts / wire wound / Solid
- Three dimensional fasteners

Applications:

Metallic Structural Assembly, Inspection Panel Assembly, Control Surface Assembly, Nut plate Installation, Electrical Cable / Hose / Pipe Routing, Instrument and Accessory Assembly / Installation, Metallic /Composite component Assembly, Soft core and Honeycomb Assembly. Engine Assembly / Installation etc.



AVDEL

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Installation Tools

Avdel India is the preferred supplier of various types of installation tools used in Aeronautical, Transport, Defence and other related industries.

Our dedicated technical support team, having in-depth knowledge of fastener products offers appropriate tool selection and tool servicing to ensure optimum cost & minimum downtime for the various fastener installation tools. We also undertake Annual Maintenance Contract for these tools.



Solid Rivet Hammer



Solid Rivet Squeezer



Blind Riveting Tools



Lokbolt Installation Tools



Visulok Installation Tool



Rivnut Installation Tool



Helicoil Installation Tool



Hi-Lok® Installation Tools

Applications:

Placing Solid Rivets, Blind Rivets, Blind Bolts, Inserts, Hi-lok Products, Lock Bolts etc., Drilling, Countersinking and Surface Finish Operation, Pin Tail Shavers, Millers for Aeronautically smooth external surfaces etc.

Solid Rivets:

- Squeezers
- Pneumatic Hammers
- Rivet Removal Tool
- Dimpling Tools and Accessories
- Bucking Bars in Various Designs
- Recoil-less Bucking Bars

Blind Rivets & Bolts:

- Hand Operated Tools
- Pneumatic Installation Tools
- Accessories for Tools & Pulling Heads (Rivets*)
- Pintail Shavers & Millers
- Grip and Inspection Gauges

Nut Inserts:

- Nut Insert Installation Tools & Accessories

Others:

- Air Drill Pistol Type and Angle Drills
- Stop Countersink, Countersink Cutters & Accessories
- Pneumatic Tools & Hand Pliers for Temporary Fasteners (Wedglock / Cleco)

Helicoils:

- Helicoil Installation Tools
- Tang Removal Tools



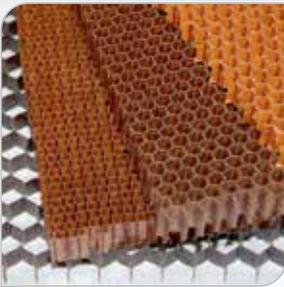
AVDEL

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Advanced Composite Materials

Avdel India is the preferred supplier of various types of Textile, Prepregs, Honeycomb Core, Laminates and Sandwich Panels to the Aerospace, Transportation and Defence industries.

The Honeycomb materials include Aluminum, Nomex, Kevlar, Glass, Carbon, Silica, Quartz and Hybrid materials.



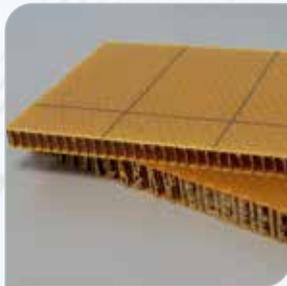
Nomex & Aluminium Honeycomb



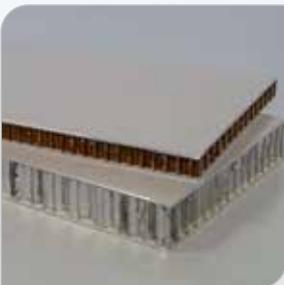
Kevlar Honeycomb



Glass Fiber Honeycomb



Aramid Sandwich Panel



Aluminum Sandwich Panel



Carbon Sandwich Panel



Carbon Roving



Woven Fabric

Honeycomb:

- Metallic Aluminium
- Non Metallic
 - Kevlar
 - Nomex
 - Glass Fibre
 - Carbon
- Honeycomb Panels
- Formed and Machined Parts
 - Heat Formed / Machined Honeycomb
 - Ready-to-Assemble Parts
 - Composite parts of Aircraft Interiors
 - Train Floor Assembly
 - Mobile Container for Defence
 - Cabin Shelters

Prepreg:

Pre Impregnated Fibre Reinforcements:

- Glass, Carbon & Aramide Fabrics and Rovings
- Non Woven / Multiaxial Fabrics
- Hybrids

Impregnated with Resin Systems:

- Phenolic
- Epoxy
- Cyanate Ester
- Benzoxazine Resins

Applications:

Antenna, Floor Board, Partition, Panel, Storage Unit, Heat Shield, Nose Cone, Shelter, Machined core Assembly etc.



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Miscellaneous Hardware

Avdel India supplies a wide range of hardware products which are used by the Aerospace, Transportation, Defence and other Allied industries. The hardware include Mechanical Control Cables, Hoses, Sleeves, Conoseal fittings, Clamps, Shims etc.



Mechanical Control Cables



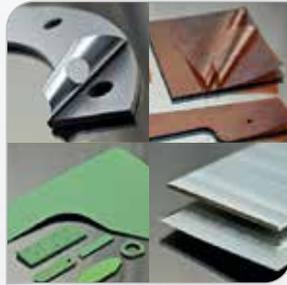
Cable Assemblies

Mechanical Control Cables

- Flexball (Ball Bearing Control)
- Vofaflex (Push/ Pull)
- Wire Rope Cable Controls
- Cockpit Modules
- Throttle Quadrants
- Controls Systems



Cable Control Box



Shims

Adhesive & Dispensers

- Acrylic
- Epoxy

Other Hardware

- Sleeves
- Clamps
- End Terminals
- Hoses
- Wire Products
- Shims



Clamps



Connectors

Applications:

Control Surface Operation, Material Handling / Movement, Control Boxes for Engine Control , Bolt Hole Protection, Precision Spacing of Components to facilitate Assembly etc.



End Fittings



Wire Rope

Supply Partners



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