

Salloytech specializes in manufacturing, spare parts details & consumable materials used in special processes such as thermal spraying, hardfacing, brazing, welding, chemical processing, and more. We also produce tooling for testing aerospace materials and coatings.

Our primary customers include manufacturers of new engine components & maintenance, repair, and overhaul (MRO) facilities worldwide. Our production facility is AS9100 certified, and we hold a military license.

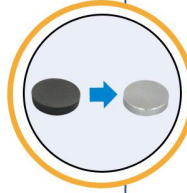


CONSUMABLES FOR SPECIAL PROCESSES



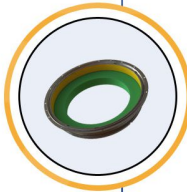
Coupons & Substrates Machining

We specialize in manufacturing high-quality test coupons, substrates, specimens, samples, buttons, panels, discs, and strips for thermal spray, cold spray, chemical processing & welding applications in the aviation industry. Our range of materials includes nickel and cobalt-based superalloys, titanium, hardened steel, and aluminum alloys.



Coupons regeneration

Our regeneration service restores coated coupons to their original specifications. By using mechanical stripping processes, we offer a faster and more cost-effective alternative to producing new coupons. This results in significant savings on raw materials and heat treatment, while also reducing waste.



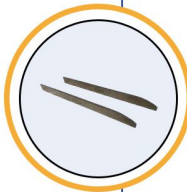
Reusable Silicone Masking /Hard Masking

Salloytech's reusable silicone masking improves productivity and reduces costs by providing precise, durable protection for aero and gas turbine engine parts during processes such as thermal spray, grit blasting, shot peening, chemical processing, and vibratory finishing.



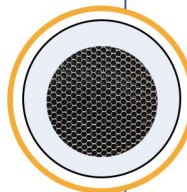
Pre-Sintered Diffusion Brazing Preforms (PSP)

Superalloy and brazing products for aero engines, ideal for high-temperature repairs and dimensional restoration, with low porosity and minimal shrinkage.



Fan Blade Leading Edge Patches, Custom Spare Metal Parts

Manufacturer of aerospace components and spare parts for turbine engines, offering a wide range of materials.



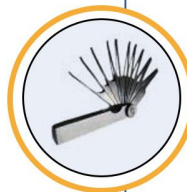
Honeycomb

Honeycomb structures, with or without embedded brazing material, tailored to customer specifications and available in various forms like segments and rings, offer reduced assembly time with tape application, while Salloytech also provides additional surface treatments as a value-added service.



Honeycomb Tack Welding Shims

Our shims are precision-made with flat surfaces, eliminating issues like convex edges that cause scorching on contact points and honeycomb surfaces. They ensure reliable performance and solve problems related to improper shim contact in demanding applications.



Custom Feeler Gauges Manufacturing

Thanks to our WEDM capabilities, we manufacture precise tooling for measuring thickness, gaps, and spacing, such as the 0.1 mm feeler gauge shown in the photo.

CONSUMABLES FOR AEROSPACE LABS



High-temperature Custom Metal Accessories

Custom accessories and high-temperature equipment: such as pull rods, couplings, fixtures, made of MAR M246/247 or other cast nickel superalloys, for creep, stress rupture and tensile testing at elevated temperatures up to 1300°C.



Coating Evaluation Laboratory Accessories

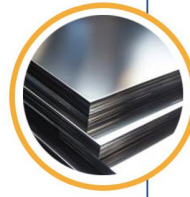
Manufacturing of custom laboratory accessories including, Gravity or pressure type V-grooved curing fixture for Tensile Bond Strength test of coating, Loading fixtures, concentricity gauge with dial indicator and more...

MODERN AVIATION MATERIALS



Ceramic Composites (SiC-SiC CMC)

Salloytech supplies CMC SiC-SiC materials and components for aerospace and R&D, driven by the growing use of CMCs in high-temperature engine parts.



Aerospace Nickel & Cobalt Base Superalloys, Titanium, Steel, Aluminium Alloys

Salloytech offers a comprehensive range of aerospace raw materials (wrought and cast). Including Inconel, Rene, MAR, GTD, PWA, CSMX (Single Crystals), Haynes and many others. We are able to supply difficult to find raw materials in required shapes and dimensions.



SERVICES

WIRE EDM (WEDM)

Our advanced WEDM technology allows cutting materials up to 700 mm thick, ensuring minimal thermal impact and the highest precision.

CUSTOMERS

Our experience and commitment to quality has been recognized by leading aerospace companies such as:



ANY QUESTIONS?

WHERE ARE WE?

We're available across 6 continents. Contact our Sales Representative or reach us directly at info@salloytech.com, and our headquarters will promptly handle your inquiry!



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