



**Diffusion
Alloys**

Coating at the Core

**COATING CAPABILITIES
& ANCILLARY SERVICES**

COATING CAPABILITIES & ANCILLARY SERVICES

	Chromide	Aluminide	SiAl*Cr VI free	MCrAlY	CrC/WX*	Boride	TiC/TiN*
Diffusion Coating Processes							
Pack	●	●				●	
Above-Pack		●					
Vapour	●	●					
Slurry		●	●			●	
Thermal Spray Coating Processes							
HVOF				●	●		
Gas Phase Coating Processes							
CVD							●
Turbomachinery Component Coatings: Extending the life of a stationary, marine environment & flight turbine component							
Heavy Duty, Aeroderivative, Industrial Gas Turbines							
Blades	●	●	●	●	●		
Vanes	●	●	●	●	●		
Combuster Parts				●	●		
Impellers & Casings	●	●					
Steam Turbine							
Blades						●	
Nozzle Rings						●	
Coatings for the Oil & Gas and Process Industries: Preventing hot corrosion, high temperature oxidation, metal dusting, carburisation and sulphidation							
Large/Long Tubes	●	●				●	
Oil & Gas-Field Tooling		●			●	●	
Tube Sheets		●					
Process Heat Exchangers/Ferrules		●					
Boiler Tubes	●	●					
Thermowells		●					
Heater Components		●					
Reactor Components		●					
DRI Reformers		●					
Fan Blades		●					
Wire Mesh	●	●					
Fasteners, Nuts & Bolts	●	●					

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Wear Coatings for Industrial Products: Tribological coatings for protection against adhesive, abrasive and erosive wear

Can Seaming								●
Textile & Paper: Industry Components	●						●	
Metal Forming: Tooling & Dies	●						●	●
Pump Impellers					●		●	
Valve Gates, Seats & Bodies					●		●	
Gears & Shafts					●		●	
Levers, Rods & Locators	●				●		●	
Chain Pins	●							

Ancillary Services: Specialised processing, metal treatments, technical services and turnkey solutions

Acid Stripping for Component Repair: Internal and External Stripping - Dynamic Stripping for Serpentine Cooling Passages
Metal Treatment Services: Shot Peening and Blasting, Vacuum Heat Treatment, TIG Welding, FPI, Wire Arc Spray
Technical Services: Metallographic & Metallurgical, Ball Cratering, Atomic Absorption Spectrometry, SEM/EDX Analysis, Micro/Macro Hardness, Testing, XRF PMI
Turnkey Projects: Supply of Turnkey Plant and the Concomitant Transfer of Proprietary Technology

* SiAl = Silicon Aluminide Hexavalent Chromium VI Free, CrC = Chromium Carbide, WC = Tungsten Carbide, TiC = Titanium Carbide, TiN = Titanium Nitride