

Table - Deposition Techniques

Coating Process (1)*	Substrate	Resultant Coating
C. Pack cementation (see A above for out-of-pack cementation) (10)	Carbon-carbon, Ceramic and metal "matrix" "composites" Titanium alloys (13) Refractory metals and alloys (8)	Silicides Carbides Mixtures thereof (4) Silicides Aluminides Alloyed aluminides (2) Silicides Oxides
D. Plasma spraying	"Superalloys" Aluminum alloys (6) Refractory metals and alloys (8) Corrosion resistant steel (7) Titanium alloys (13)	MCrAlX (5) Modified zirconia (12) Mixtures thereof (4) Abradable Nickel-Graphite Abradable materials containing Ni-Cr-Al Abradable Al-Si- Polyester Alloyed aluminides (2) MCrAlX (5) Modified zirconia (12) Silicides Mixtures thereof (4) Aluminides Silicides Carbides McrAlX (5) Modified zirconia (12) Mixtures thereof (4) Carbides Aluminides Silicides Alloyed aluminides (2) Abradable Nickel-Graphite Abradable materials containing Ni-Cr-Al Abradable Al-Si-Polyester
E. Slurry Deposition	Refractory metals and alloys (8) Carbon-carbon, Ceramic and Metal "matrix" "composites"	Fused silicides Fused aluminides except for resistance heating elements Silicides Carbides Mixtures thereof (4)
F. Sputter Deposition	"Superalloys"	Alloyed silicides Alloyed aluminides (2) Noble metal modified aluminides (3) MCrAlX (5) Modified zirconia (12) Platinum Mixtures thereof (4)

* Note: The numbers in brackets refer to the Notes following this table.