

**Table - Deposition Techniques**

Coating Process (1)*	Substrate	Resultant Coating
<p>A. Chemical Vapour Deposition (CVD)</p>	<p>“Superalloys”</p> <p>Ceramics (19) and Low-expansion glasses (14)</p> <p>Carbon-carbon, Ceramic and Metal “matrix” composites”</p>	<p>Aluminides for internal Passages</p> <p>Silicides Carbides Dielectric layers (15) Diamond Diamond-like carbon (17)</p> <p>Silicides Carbides Refractory metals Mixtures thereof (4) Dielectric layers (15) Aluminides Alloyed aluminides (2) Boron nitride</p> <p>Carbides Tungsten Mixtures thereof (4) Dielectric layers (15)</p> <p>Dielectric layers (15)</p> <p>Dielectric layers (15) Diamond Diamond-like carbon (17)</p> <p>Dielectric layers (15) Diamond Diamond-like carbon (17)</p>
<p>B. Thermal-Evaporation Physical Vapour Deposition (TE-PVD)</p> <p>B. 1. Physical Vapour Deposition (PVD): Electron-Beam (EB-PVD)</p>	<p>Superalloys”</p> <p>Ceramics (19) and Low-expansion glasses (14)</p> <p>Corrosion resistant steel (7)</p> <p>Carbon-carbon, Ceramic and Metal “matrix” composites”</p>	<p>Alloyed silicides Alloyed aluminides (2) MCrAlX (5) Modified zirconia (12) Silicides Aluminides Mixtures thereof (4)</p> <p>Dielectric layers (15)</p> <p>MCrAlX (5) Modified zirconia (12) Mixtures thereof (4)</p> <p>Silicides Carbides Refractory metals Mixtures thereof (4) Dielectric layers (15) Boron nitride</p>

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