

Complex-Oxide Films

The Materials Group at NZ Applied Technologies is now offering complex-oxide film growth services. The oxide films are grown by a new Metalorganic Chemical Liquid Deposition method with properties comparable to other methods such as laser ablation and sputtering. In addition, our process offers the following advantages:

- **Excellent composition control** **better than 98%**
- **Multi-component capability**
- **Large area** **up to 6" in dia.**
- **Wide thickness range** **100Å - 10µm**
- **Double side coating**
- **Low cost**

A growth run for standard composition in-house materials with thickness up to 3000Å (e.g. PZT, PLZT, BST, BTO) is \$450. Substrate cost is additional. Non-standard materials or compositions require additional charge. Volume discounts and contract research available. For more information contact:

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