

NXR-1000 Series

Thermal Nanoimprint (T-NIL) Resists

- Fast response
- Excellent uniformity
- Ultra-high resolution
- Low imprint pressure
- Low imprint temperature
- Good flow ability

NXR-2000 Series

Photo-curable Nanoimprint (P-NIL) Resists

- Super fast response
- Unmatched flow ability
- Outstanding uniformity
- Ultra-high resolution
- Low curing dosage
- Very low imprint pressure
- Spin-on or resist-drop dispense

NXR-3000 Series

Underlayer Resists

- Great versatility
- Superior etch resistance
- Enhanced lift-off properties
- Compatible with top-layer

NXR-4000 Series

Polymeric Mold Materials

- Photocurable
- Excellent chemical resistance
- Excellent thermal stability
- Great durability
- Ultra-high resolution

NXT-100 Series

Surface Treatment Agents

- Mold release agents
- Adhesion promoter

Customized Materials

Nanonex offers high performance materials in six series, optimized for nanoimprint processes based on experimental tests of thousands of material combinations.

