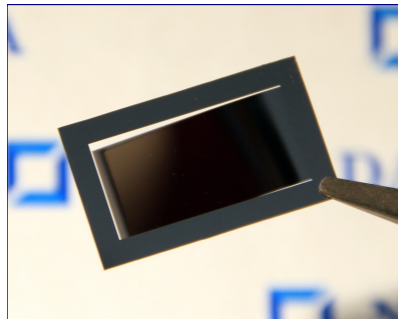
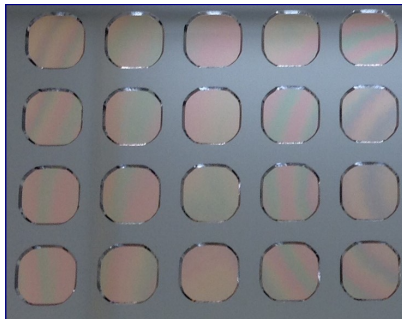
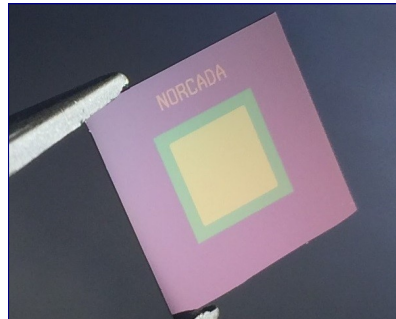
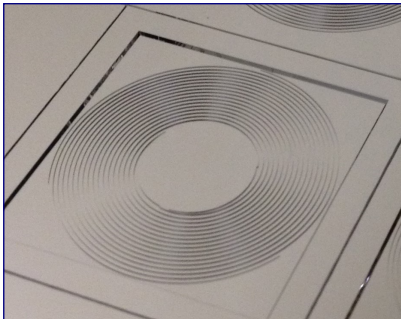


SILICON MEMBRANE WINDOWS

Norcada manufactures both standard and custom single-crystal and polycrystalline silicon membrane windows.

Our **single-crystal silicon** membranes are utilized in a variety of scientific applications as beam splitters, vacuum windows and resonant structures. Single crystal silicon membranes are available with (100), (110) and (111) crystal orientations and with thicknesses ranging from 30nm to 50 μ m. Custom designs can include integration of metal features, specific doping and sculptured structures.

Norcada's **poly-silicon** membranes are ideal for X-ray, UV and IR applications. These devices are quite robust, allowing for post fabrication processing, and are available with membranes ranging from 10nm to 300nm in thickness.



Norcada warrants the quality of its products, and will replace any device deemed unusable due to fabrication defects within 60 days of purchase. All Norcada products are manufactured and packaged in a Class 100 Cleanroom.

Membrane Materials:

Si₃N₄ Membranes

SiO₂ Membranes

Si Membranes

Custom Solutions:

Integrated Electrodes

Thin Film Coating

Flexible/Bending Membranes

Hole and Slot Patterns

Hydrophobic Surface

Hydrophilic Surface

Dual Thickness Membranes

CONTACT:

NORCADA Inc.
4548 - 99 Street NW
Edmonton, AB T6E 5H5
Canada

Phone: +1-780-431-9637
Toll Free: +1-877-431-9636
E-mail: info@norcada.com

SALES CONTACT IN JAPAN:

LxRay Co., Ltd.
3-28-22, Koshienguchi, Nishinomiya
Hyogo 663-8113
Japan

Tel: +81-798-42-6401
www.lxray.jp

SALES CONTACT IN CHINA:

Shanghai NTI Co., Ltd.
Room 707, KYMS
ServOFFICE, No.599
Lingling Road Shanghai, 200030
China

Tel: +86-21-6428-3335
www.shnti.com