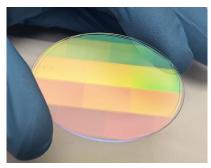
SOLNIL OO Nanoimprint your world

DIRECT NANOIMPRINT LITHOGRAPHY OF OPTICAL GRADE METAL OXIDE MATERIALS







From metal oxide inks to METASURFACES

Metal oxide

COMPATIBILITY

Solnil technology is compatible

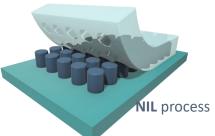
with many materials, substrates,

and motif morphologies and

dimensions, relevant to biology,

optics and photonics.





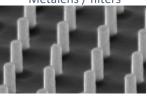
QUALITY

Solnil develops its own materials with adjusted optical properties and surface composition to meet end-user requirements (high quality, stability, performances).

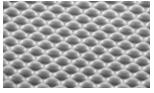
MATERIALS 2.00 OPTICAL LOSS 1.75 **TiO₂, SiO₂,** Al₂O₃, ZrO₂, ZnO, HfO₂, 1.50 VO₂, SnO₂, WO₃... RED:0.013% 8 1.25 GREEN : 0,011% 튭 1.00 BLUE : 0,016% Josq 0.75 **OPTICAL PROPERTIES** 0.50 Very low absorption 0.25 Low haze/scattering < 0.05% Monor 0.00 400 450 500 550 Wavelength (nm) Tuned index from 1.1 to 2.6 600

AR/VR Near Eyes Display

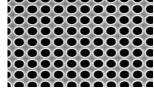




COLORS Structural RGB



BIOTECH Flow-cells



LASER Anti-reflective

SOLNIL, Pépinière d'entreprises Luminy Biotech, 163 avenue de Luminy, 13011 Marseille France / www.solnil.com