

Ribbon Ceramics

*Ultra-thin, flexible ceramic technology
available in ribbon format.*



*Introducing a revolutionary
roll-to-roll (R2R) manufacturing
process to develop high quality,
fully dense ceramic ribbon.*

Corning and ENrG have jointly developed a revolutionary roll-to-roll (R2R) ceramic processing method to manufacture high quality, fully dense ceramic ribbon in a R2R format — an important accomplishment in the processing of inorganic materials.

Ribbon Ceramics are currently available in two distinct materials:

Alumina Ribbon Ceramic

- ultra-thin, flexible
- smooth surface with fewer defects
- high thermal conductivity
- excellent insulator
- supply subject to request

Zirconia Ribbon Ceramic

- ultra-thin, flexible
- mechanically robust
- excellent barrier to moisture & air
- thermal shock tolerant
- commercially available for purchase in R2R format from ENrG

Alumina Ribbon Ceramic inquiries
Contact Corning: R2Rceramic@corning.com

Zirconia Ribbon Ceramic inquiries
Contact ENrG: kolenick@enrg-inc.com