ADVANCED MATERIALS GROUP

Materials for Large Area Glass Coating
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The Challenge
To achieve optimal results when coating glass requires the use of sputtering targets that consistently produce uniform thin films. The materials employed must be of high purity and meet or exceed industry standards. Since many of the coating processes and deposition chambers are unique to a given application, it is important that a variety of precious and non-precious metal and alloys be available in custom sizes and forms to maximize results.

The Solution
Materion targets deliver consistent uniform films that exceed performance standards.
- High purity materials with optimized microstructure for complete coverage
- Customizable target forms & alloys maximize results
- Designed for individual deposition chambers and processes

BENEFITS
- Faster line speeds
- Longer production runs
- Better material utilization
- Certified Conflict-Free metals
- R&D assistance
- Large geometry materials
- Global manufacturing capabilities
- Materials development

MARKETS/APPLICATIONS
- Residential Glass
- Architectural Glass
- Automotive Glass
- Auto-dimming Rear View Mirrors
- Specialty Films

MATERION CORPORATION
www.materion.com

ADVANCED MATERIALS GROUP
2978 Main Street
Buffalo, NY 14214 USA
Phone: +1 800.327.1355
advancedmaterials@materion.com
www.materion.com/advancedmaterials

Europe: +44 1 488.686056
Asia: +65 6559.4450

MATERION ADVANCED MATERIALS GROUP is a global supplier of premier specialty materials for large area glass coatings for architectural, residential and automotive applications. Our products include high purity precious and non-precious thin film deposition materials that deliver uniform coatings, increase yield and reduce costs. Our engineered solutions include new material development as well as standard planar and rotatable sputtering targets with unique geometrics available in precious metal or customized alloys.