



**Nu-Tek**

*Precision Optical Corporation*

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# Parabolic Mirror

**Thin Film Physics**

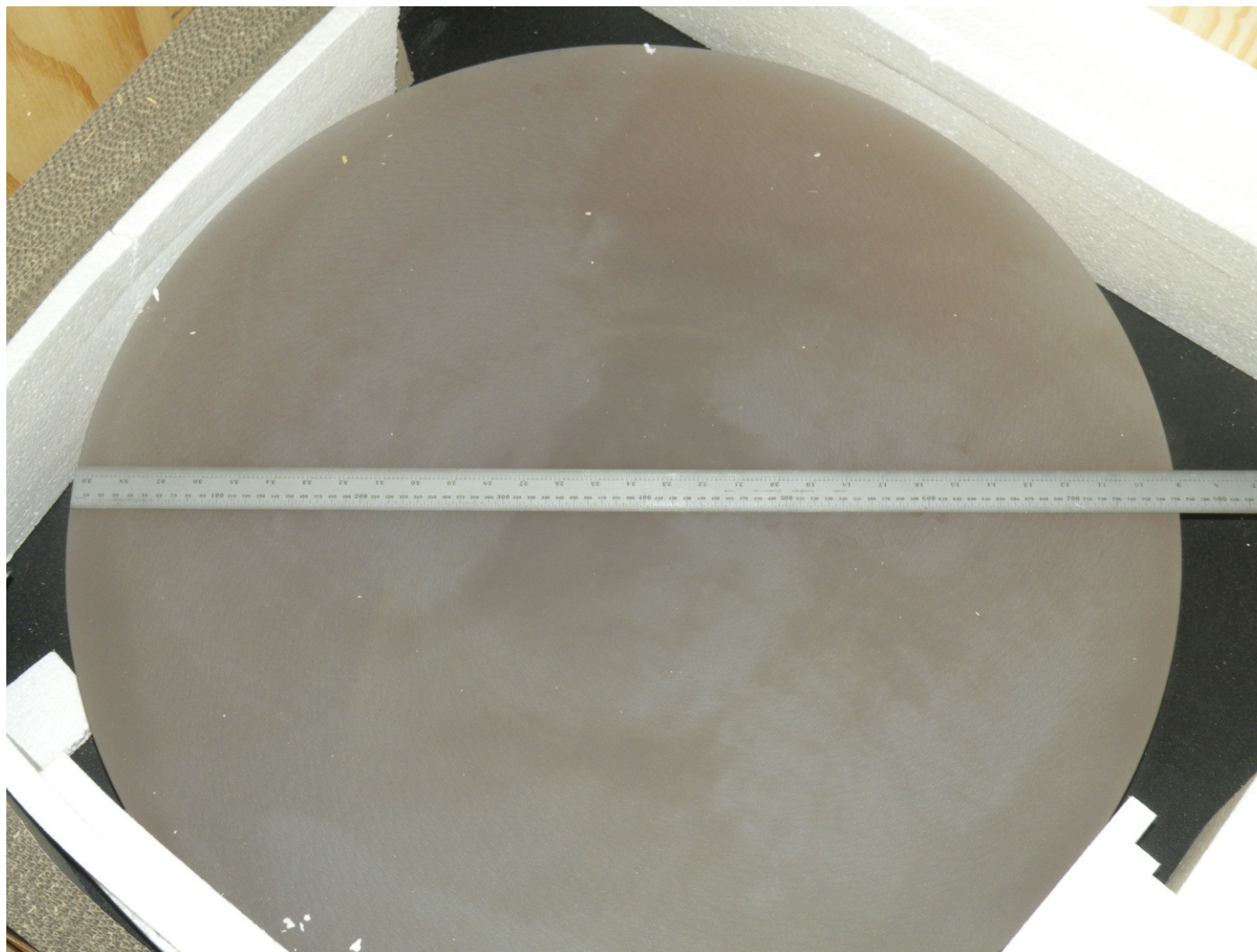
**PO 201.1010.01**

# Material Receipt



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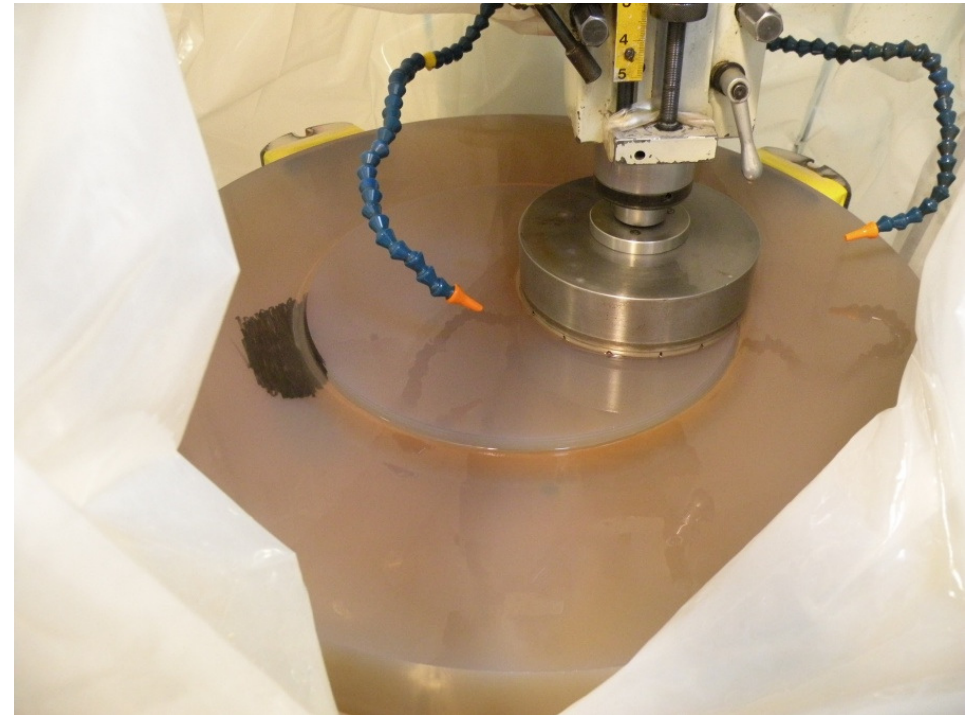
Mirror substrate in as-received packing material.  
Due 12/27/10, received Jan 14, 2011.

# Mirror Generation



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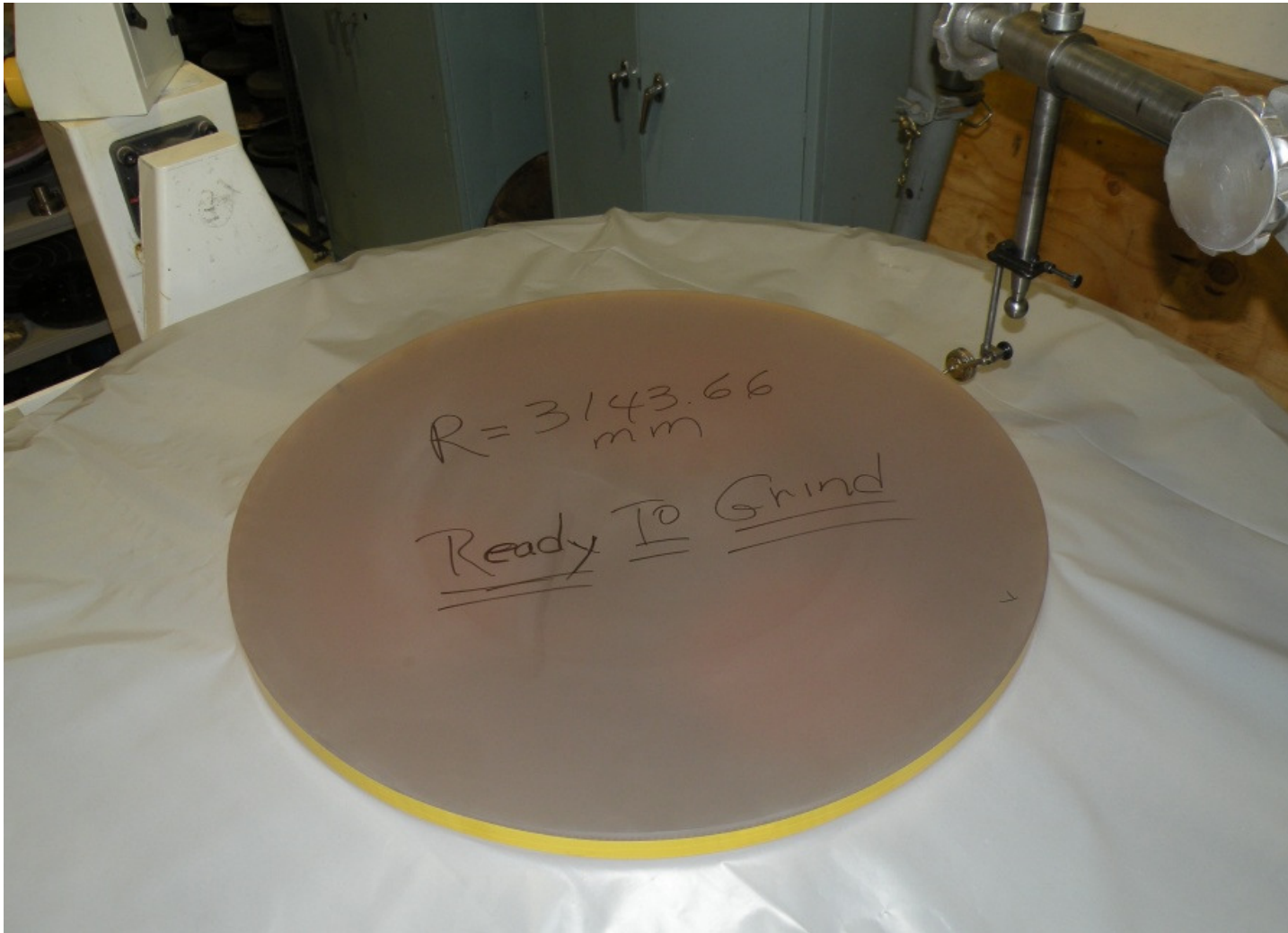
Mirror curve is generated. It is critical that mirror center thickness and orthogonality (wedge) are managed properly at this stage. Photos from about Feb 14, 2011.

# Mirror Grinding



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Mirror in grinding. Equipment processes up to  $\text{Ø}1500\text{mm}$  optics. Grinding curve indicated is flatter compared to final parent radius—this is intentional. Centration is critical here, and is held to about 25 microns. This photo 2/21/11.