

# Engineering, Quality and Research & Development Services

## ENGINEERING

- Rapid Prototyping  
*Amount of hours is job specific (1-12 weeks)*
- CNC Machining, up to 126" x 65"  
*Amount of hours is job specific (6-12 weeks)*
- CAD Development, acceptable formats:
  - Unigraphics NX4/NX5
  - Surfcam
  - Mechanical Desktop v6
  - Inventor v5
  - Mastercam v9
  - Catia*Amount of hours is job specific (2-8 weeks)*
- Design Services  
*Amount of hours is job specific*
- Tooling CMM's & Certification, on-site available  
*2-4 Weeks*
- Process Development  
*Amount of hours is job specific*
- Quality Fixtures  
*6-8 Weeks*
- Assembly Fixtures  
*6-8 Weeks*
- Attribute Fixtures  
*6-8 Weeks*
- Water-Jet Robotics Programming & Expertise  
*Amount of hours is job specific*

## RESEARCH & DEVELOPMENT

- On-Site Acoustical Research, also available in MAP laboratory  
*Amount of hours is job specific*
- E1050 Testing  
*4 Hours if samples are provided*
- E2611 Testing  
*4 Hours if samples are provided*
- Thermal Resistance Testing  
*8 Hours*
- On-Site Thermal Mapping  
*Amount of hours is job specific*
- Product & Materials Development  
*Amount of hours is job specific*
- Glass Fiber vs. Foam Testing  
*8 Hours*
- Peel Testing  
*4 Hours*

## QUALITY

- Product Containment Services  
*Amount of hours is job specific*
- Material Rework Services  
*Amount of hours is job specific*
- Product Sorting  
*Amount of hours is job specific*
- Capability Studies  
*8 Hours*
- Dimensional Studies  
*4 Hours*
- CMM's  
*2-4 Weeks*
- Problem Solving  
*Amount of hours is job specific*
- Supplier Representation  
*Amount of hours is job specific*
- Quality Audit Support  
*Amount of hours is job specific*

*\*All pricing is job specific.*