



TOUGH. TESTED. RELIABLE.



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GAUGING SERVICES AND SOLUTIONS

Strain Gauge Installation

McCoy global offers strain gauge installation services for those customers who do not have the capability or capacity to perform the strain gauge bonding process. Strain gauges can be installed on many products and components to verify finite element models, measure static and dynamic forces or to create custom load transducers.

Our engineers can help you identify the type of strain gauges needed for your application and determine the best location to bond the strain gauges on your part. We specialize in bonding strain gauges in difficult locations which are subjected to extreme environmental conditions. Some of the materials that we have bonded strain gauges to include: steel, aluminum, carbon fiber, plastics, and titanium.



Chain stopper pawls, each rated at 1 million pound capacity

Measurement Types

- Linear force
- Shear force
- Torque
- Pressure
- Tension

Capabilities

- Full Turnkey solutions with in house design services available
- Modify Existing Components
- Gauging Only Solutions
- Customer Gauge Carrier design and construction
- Bonding on inside bore, blind holes, pockets, diaphragms and other customer needs.
- No Minimum Quantity required
- Strain gauge installations are temperature compensated on-site and can be zero balanced after the wiring and testing is completed.
- McCoy Global also has the on-site capability to perform NIST traceable calibrations up to six million pounds.



255 ton hooks with transmitters.

Application Environments

- Underwater devices, Marine and shipboard
- Automotive and Aerospace
- Mobile and overhead crane applications
- Instrumentation
- Oil and Gas