

Stress Analysis Strain Gages

HOW TO USE THE LISTINGS

General-use Micro-Measurements strain gages are listed in groups according to grid geometry:

- Linear patterns
- Tee rosettes
- Rectangular rosettes
- Delta rosettes
- Shear/torque patterns

For each of these grid geometries, those patterns most commonly used by our customers are listed first with complete specifications. Additional listings with partial specifications follow for the less commonly used patterns. In both listings, the gage patterns appear in alpha-numeric order, increasing from the shortest grid lengths to the longest.

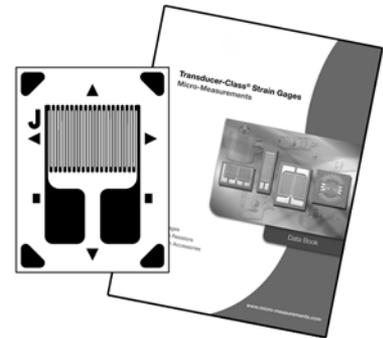
Some seldom, if ever, ordered patterns listed in previous versions of this databook have been omitted. We will, of course, continue to make these patterns available upon request for customers presently using them. For details, contact the Applications Engineering Department at the Micro-Measurements sales office nearest you.

Separate listings are provided for special-use strain gages and sensors:

- Residual stress
- Magnetic fields
- Weldable gages
- High temperature gages
- Manganin pressure gages
- Shear modulus gages
- Embedment gages
- Temperature sensors
- Crack detection sensors
- Crack propagation sensors
- Displacement sensors

ADVANCED SENSORS GAGES

Customers whose application requires gages for the manufacture of precision commercial transducers are strongly encouraged to contact our Applications Engineering Department. They can provide assistance in the selection of the proper Advanced Sensor for your particular application.

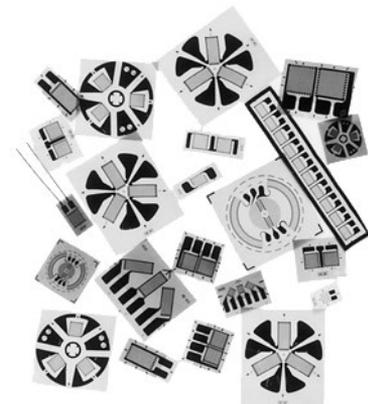


CUSTOM GAGES

Micro-Measurements maintains the most extensive variety of catalog strain gages available today. Whether for stress analysis, transducer manufacturing, or special-purpose applications, we have not only a wide selection, but also a large and varied inventory that is readily available for immediate delivery.

However, many of our customers have applications requiring gages that are manufactured to their individual specifications. While we believe our wide variety of standard catalog gages will satisfy most requirements, we recognize the need for custom products and are committed to serving it well.

To request a quotation for a custom gage, please contact our Applications Engineering Department.



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APPLICATIONS SUPPORT

Micro-Measurements maintains an experienced and highly trained applications engineering staff. Our Applications Engineers are as close as your telephone, and we urge you to call them for recommendations in strain gage selection to satisfy your particular test requirements.

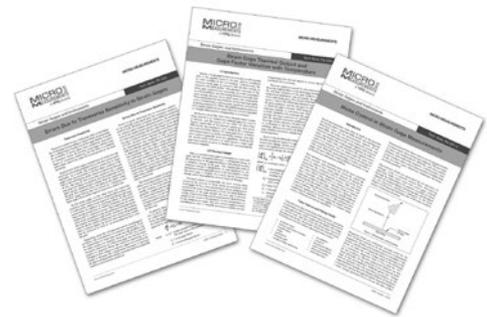


TECHNICAL INFORMATION

Detailed technical information about the selection and application of strain gages can be found in the special series of Tech Notes, Tech Tips, and Instruction Bulletins on strain gage technology. Thorough familiarity with these publications will help ensure consistent success in the use of Micro-Measurements strain gages.

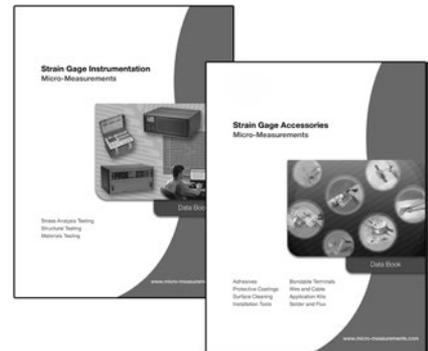
We also offer our customers an extensive assortment of additional product and technical literature, available in the strain gage technology knowledge base on our website at:

<http://www.vishaypg.com/micro-measurements/stress-analysis-strain-gages/knowledge-base-list/>.



STRAIN GAGE ACCESSORIES AND INSTRUMENTATION

In addition to an extensive selection of strain gages, Micro-Measurements offers a complete range of complementary products. Strain gage accessories include surface preparation materials, adhesives, installation tools, protective coatings, leadwire, and a host of other application tools, hardware, and supplies. Instruments range from portable, digital strain indicators, to sophisticated computer-controlled systems for the acquisition, storage, and reduction of test data. Both static and dynamic measuring instruments are available—each uniquely designed to provide stable, accurate, and reliable strain measurement.



TRAINING PROGRAMS

Training customers in the proper use of strain measurement techniques is an essential part of the Micro-Measurements philosophy. In support of this principle, Micro-Measurements conducts an extensive series of regularly scheduled technical seminars, workshops, and short courses. Course instructors are recognized authorities in their field. Training sessions are conducted at our facilities in the United States and Europe, as well as at hotels and educational institutions around the world. For schedules, go to:

<http://www.vishaypg.com/micro-measurements/training-programs/>





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