

Products A-Z » Test & measurements » Interactive Guide to Strain Measurement Technology » Tech Notes » TN-505

 Product Support

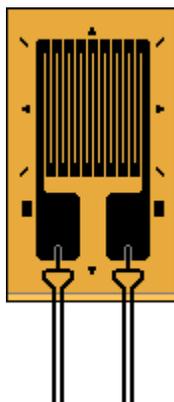
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WD-Series Gages

Description and Primary Application

Fully encapsulated isoelastic gages with high-endurance leadwires. Used in wide-range dynamic strain measurement applications in severe environments.



Temperature Range

Dynamic: -320 deg to +500 deg F (-195 deg to +260 deg C)

Strain Range

$\pm 1.5\%$

Nonlinear at strain levels over $\pm 0.5\%$

Fatigue Life

10^5 cycles at ± 3000 microstrain

10^7 cycles at ± 2500 microstrain

10^8 cycles at ± 2200 microstrain

Please note : The performance data given here are *nominal* , and apply primarily to gages of 0.125-in (3-mm) gage length or larger.



Reference Table