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 Product Support

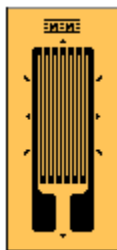
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EA-Series Gages

Description and Primary Application

Constantan foil in combination with a tough, flexible, polyimide backing. Wide range of options available. Primarily intended for general-purpose static and dynamic stress analysis. Not recommended for highest accuracy transducers.



Temperature Range

Normal: -100 deg to +350 deg F (-75 deg to +175 deg C)
Special or Short-Term: -320 deg to +400 deg F (-195 deg to +205 deg C)

Strain Range

$\pm 3\%$ for gage lengths under 1/8 in (3.2mm)
 $\pm 5\%$ for gage lengths 1/8 in (3.2mm) and over

Fatigue Life

10^5 cycles at ± 1800 microstrain
 10^6 cycles at ± 1500 microstrain
 10^8 cycles at ± 1200 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