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N2A-Series Gages

Description and Primary Application

Open-faced constantan foil gages with a thin, laminated, polyimide-film backing. Primarily recommended for use in precision transducers, the N2A Series is characterized by low and repeatable creep performance. Also recommended for stress analysis applications employing large gage patterns, where the especially flat matrix eases gage installation.

Temperature Range

Normal Static Transducer Service: -100 deg to +200 deg F (-75 deg to +95 deg C)

Strain Range

± 3%

Fatigue Life

10⁶ cycles at ± 1700 microstrain
10⁷ cycles at ± 1500 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