

STC Number—Why Does It Matter?

When selecting a strain gage from our website, most series require you choose a Self Temperature Compensation (STC) value to complete the part number. If the temperature of your gage and the test piece to which it's bonded will change during the period you are recording strain data, the STC value becomes significant in eradicating thermally based errors in strain data. If you want to know more about this issue, a frequently cited explanation can be found [here](#). Under constant temperature conditions, we suggest you select the STC to obtain the quickest delivery, which in most cases is an STC of 11 ppm / ° C .