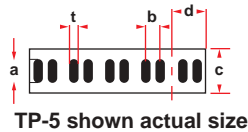


# Strain Gauge Accessories

**MOST POPULAR MODELS HIGHLIGHTED**

## Terminal Pads

Terminal pads serve two main purposes. First, they act as intermediate points for attaching ribbon leads of thin gauge wire to heavier instrumentation wires. Second, they provide stress relief to strain gauge systems. When the heavy instrumentation wire moves, the terminal pad protects the strain gauge.



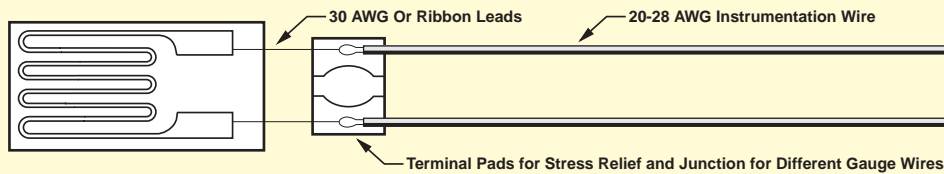
Terminal Pads

TP-5 shown actual size

### To Order (Specify Model Number)

MODEL NO.	PRICE PER PKG 10 PAIRS	DIMENSIONS (MM)				
		A	B	C	D	T
TP-1	£8.20	1.61	1.11	2.7	2.53	0.65
TP-2	8.20	2.38	1.60	3.4	4.09	0.96
TP-3	8.20	3.17	1.96	4.5	5.45	1.29
TP-4	8.20	4.78	3.29	6.4	8.17	1.97
TP-5	8.20	6.36	4.35	8.4	10.97	2.58
TP-6	8.20	9.53	6.63	12.1	16.38	3.95

## Typical Strain Gauge Installation



## Fixed Bridge Completion Resistors

Accuracy: 0.1%

Temperature Compensation: 5 ppm (-20 to 80°C/-4 to 176°F)

Power: ¼ watt

### To Order (Specify Model Number)

MODEL NUMBER	PRICE	OHMS	MAX BRIDGE EXC.
RES-120	£5.20	120	10 Vdc
RES-250	5.20	250	15 Vdc
RES-350	5.20	350	18 Vdc

Ordering Example: RES-120, 120-ohm fixed bridge completion resistors, £5.20

## Adhesives

OMEGA's TT300 cement is a heat-cured, two-part epoxy adhesive which can be used to bond polyimide backed strain gauges for strain measurement up to 200°C (392°F). Each TT300 kit contains 2 bottles of resin and hardener which are premeasured to ensure proper mixing proportions. To use, simply pour one bottle of hardener into one bottle of resin and shake for one minute. A bottle each of hardener and resin produce approximately 21g. of adhesive. The shelf life of the resin/hardener mixture is six weeks at room temperature. The shelf life of the unmixed components is indefinite, provided the bottles are kept tightly sealed. Each TT300 kit includes 56g. of Acetone, Acid Primer, Neutraliser and Rosin Solvent for cleaning and preparing the surface, as well as two funnels and two cap brushes.

SG496 and SG401 are general purpose cold-curing one-part glues. They are the easiest and most commonly used adhesive for strain gauges.

They cure in one minute but require 24 hours to set. SG401 is an ethyl-based cyanoacrylate and SG496 is a methyl-based cyanoacrylate. There is a one-year shelf life at cool room temperature, but increased shelf life can be obtained by cold storage. The glue temperature range is -54 to 82°C (-65 to 180°F).

### To Order (Specify Model Number)

MODEL NO.	PRICE	DESCRIPTION
TT300	£127	Complete strain gauge adhesive kit
SG496	18.80	28g methyl-based cyanoacrylate (Approx. 750 gauges)
SG401	6.70	2.8g ethyl-based cyanoacrylate (Approx. 50 gauges)



TT300 Complete Strain Gauge Adhesive Kit