

TW Welded Tip Fast Response Thermocouple Sensor

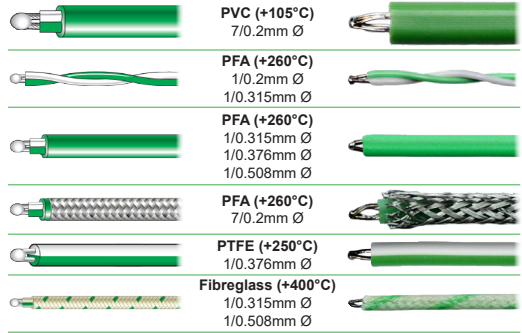
Very popular for test and development applications.

Available with PVC (+105°C), PFA (+260°C), PTFE (+250°C) or Fibreglass (+400°C) cable insulations and 7/0.2mm, 1/0.2mm, 1/0.315mm, 1/0.376mm or 1/0.508mm conductor diameters.

The sensor can also be supplied with a miniature or standard thermocouple connector attached to the cable, if required.

Standard lengths: 2m and 5m, but can be supplied in custom lengths to suit your application.

- Popular for test and development applications
- Thermocouple Types K, J, T, N
- PVC (+105°C), PFA (+260°C), PTFE (+250°C) or Fibreglass (+400°C) insulation
- 7/0.2mm, 0.2mm, 0.315mm, 0.376 or 0.508mm diameter conductor options
- Optional thermocouple connector
- Standard 2m or 5m cable (custom lengths available)



Termination Options (section 6)



1	sensor type		code
	Welded Tip Fast Response Thermocouple Sensor		TW
2	conductor/thermocouple type (IEC 60584.1)	conductor temperature range	code
	Type K Nickel Chromium vs. Nickel Aluminium	0°C to +1100°C	K
	Type J Iron vs. Constantan	-50°C to +750°C	J
	Type T Copper vs. Constantan	-200°C to +350°C	T
	Type N Nicrosil vs. Nisil	0°C to +1200°C	N
3	cable insulation	cable temperature range	code
	PVC	-30°C to +105°C	P
	PFA	-75°C to +260°C	T
	PTFE (Single Shot)	-75°C to +250°C	A
	Fibreglass	up to +400°C	F
4	conductor diameter		code
	7/0.2mm		1
	0.2mm		2
	0.315mm		3
	0.376mm		4
	0.508mm		5
5	cable length (mm)		code
	As required to suit your application (standard lengths: 2000mm and 5000mm)		e.g. 2000
6	optional thermocouple connector (supplied attached to cable)		code
	Not required		NR
	Miniature Thermocouple Plug		FMP
	Miniature Thermocouple Socket		FMJ
	Standard Thermocouple Plug		RSP
	Standard Thermocouple Socket		RSJ

See pages 53-58 for our full range of Thermocouple connectors

order code (example)	1	2	3	4	5	6
	TW	- K	T	3	- 2000	- FMP

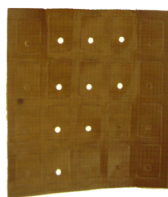
TW-PATCH Self Adhesive Thermocouple Attachment Pads

Self adhesive Thermocouple attachment pads. Designed for attaching small diameter thermocouples to surfaces. Temperature range -75°C to +260°C.

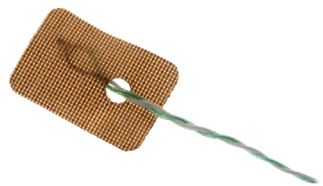
Patch dimensions: 17mm (L) x 12mm (W) x 2.7mm (punched hole diameter).

Available in packs of 20 or 100 self adhesive pads.

- Designed for attaching small thermocouples to surfaces
- Excellent chemical resistance
- High temperature range (-75°C to +260°C)
- Non-stick smooth PTFE surface
- Available in packs of 20 or 100



20 Pack Example



17mm (L) x 12mm (W) x 2.7mm (punched hole Ø)

Note: thermocouple sensor available separately (not supplied)

order code	20 Pads	100 Pads
	TW-PATCH-20	TW-PATCH-100