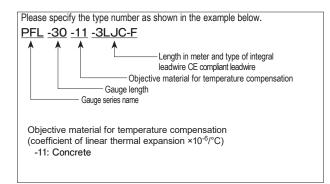


Polyester Foil Strain Gauges ${\sf PF}$ series \in

These are foil strain gauges utilizing a polyester resin backing which is the same as the P series. The gauge length is available in 3 ranges of 10, 20 and 30mm, so it is suited mainly to strain measurement on concrete or mortar.





Gau	ıge pattern		Туре	Gauge s Length	size(mm) Width	Backing : Length	size(mm) Width	Resist- ance Ω
●Single axis								
		Single axis	PFL-10-11	10	0.9	17.5	5	120
PFL-10-11 PFL-2)-11		PFL-20-11	20	1.2	28	6	120
			PFL-30-11	30	2.3	40	7	120
PFL-30-11								
●0°/90° 2-axis								
		0°/90°	PFLC-20-11	20	1.2	28	28	120
	30	2-axis	PFLC-30-11	30	2.3	40	40	120
	e v							
PFLC-20-11 Q (×1/2)	PFLC-30-11 Q (×1/2)							
●0° /45° /90° 3-axis	<u></u>				Г			
		0°/45°/90°	PFLR-20-11	20	1.2	28	28	120
		3-axis	PFLR-30-11	30	2.3	40	40	120
PFLR-20-11 Q (×1/2)	PFLR-30-11 Q (×1/2)							
Minimum order quantity is 10 strain gauges.								

Dedicated leadwire recommended for PF series strain gauges

We supply various leadwires dedicated to strain gauges so as to meet our customers' requirements. Please refer to page 32 to 40 for the details of combination of a strain gauge and a leadwire. For CE marked strain gauges, only the leadwires using lead-free solder are available.

Type and designation of leadwires

Type and designation of loadwines							
Usage	Leadwire name	Operating temperature range of leadwire (°C)	Type number example				
General purpose (without temperature change)	Paralleled vinyl LJB-F Paralleled vinyl LJC-F	−20 ~+80	PFL-10-11-3 <mark>LJB-</mark> F PFL-10-11-3 LJC- F				
General use	3-wire paralleled vinyl LJBT-F 3-wire paralleled vinyl LJCT-F	−20 ~+80	PFL-10-11-3LJBT-F PFL-10-11-3LJCT-F				
1-Gauge 4-Wire measurement	auge 4-Wire measurement Polypropyrene 4-wire paralleled LQM-F		PFL-10-11-3LQM-F (modular plug attached)				

NB: No integral leadwire is available for rosette strain gauges PFLC and PFLR.