



Foil Strain Gauges F series (GOBLET) CE



Strain gauges compliant to RoHS2 Directive 2011/65/EU are added to the lineup in F series. They are supplied with CE marking as standard specification. Our logo GOBLET, which is an abbreviation of "Gauges Of Brilliant Lifespan and Environmental Thoughtful", is marked on the package of these gauges.

Operating temperature range -196~+150°C	Applicable adhesives CN -196~+120°C
Temperature compensation range +10~+100°C	P-2 -30~+150°C
	EB-2 -60~+150°C

Please specify the type number as shown in the example below.

FLAB -5 (-350) -11 -3LJC-F

Objective material for temperature compensation (coefficient of linear thermal expansion $\times 10^{-6}/^{\circ}\text{C}$)
 -11: Mild steel ■ -17: Stainless steel ■ -23: Aluminium ■

Gauge pattern	Type	Gauge size(mm)		Backing size(mm)		Resistance Ω
		Length	Width	Length	Width	
<p>● Single axis</p>						
General use	FLGB-02	0.2	1.4	3.5	2.5	120
	FLGB-1	1	1.1	6	2.5	120
	FLAB-03	0.3	1.4	3	2	120
	FLAB-05	0.5	1.2	4.3	2.2	120
	FLAB-1	1	1.3	5	2.5	120
	FLAB-2	2	1.5	6.5	3	120
	FLAB-3	3	1.7	7.7	3.5	120
	FLAB-3-60	3	1.2	7.7	3	60
	FLAB-5	5	1.5	10	3	120
	FLAB-6	6	2.2	11	4.3	120
FLK pattern with narrow gauge width	FLKB-1	1	0.7	4.5	1.4	120
	FLKB-2	2	0.9	5.5	1.5	120
	FLKB-6	6	1	11	2.2	120
	FLKB-10	10	1.6	15	3.8	120
● 350 Ω Single axis	FLAB-1-350	1	1.6	4.5	3	350
	FLAB-1W-350	1	2	4.7	3.6	350
	FLAB-2-350	2	1.9	6	3.5	350
	FLAB-3-350	3	1.6	7.2	3	350
	FLAB-3W-350	3	3.2	8.5	5	350
	FLAB-5-350	5	1.8	9.4	3.8	350
Gauge resistance 1000 Ω	FLAB-6-1000	6	4.6	11	7	1000

Minimum order quantity is 10 strain gauges.