Pattern, Gage Resistance, Gage Factor	Model	Dimensions (mm)				Remarks
		Grid		Base		
		Length	Width	Length	Width	

●KFP Series Foil Strain Gages for Plastics

The KFP series foil strain gages provide an applicable linear expansion coefficient of 65 x 10^{-6}/°C, which makes them suitable for strain measurement of plastics such as acrylic resin.

Applicable Adhesives and Operating Temperature Range after Curing

CC-33A : -196 to 80°C　　CC-35 : -30 to 80°C
CC-36 : -30 to 80°C　　EP-34B : -20 to 80°C

When bonding the KFP gage to a difficult-to-bond materials such as polyethylene \ with CC-33A, use S-9B surface treatment agent in combination.

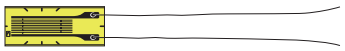
When ordering, suffix the leadwire cable code (see table at the right) to the model number with a space in between.

Example :
KFP-5-120-C1-65 N10C3
for the gage with a polyester-coated 3-wire copper cable 10 cm long pre-attached
If no leadwire cable code is suffixed, the gage is delivered with gage leads only (silver-clad copper wires 25 mm long).

■Types, lengths and codes of leadwire cables pre-attached to KFP gages

Length \ Type	Polyester-coated 2-wire copper cable	Polyester-coated 3-wire copper cable	Vinyl-coated flat 2-wire cable	Vinyl-coated flat 3-wire cable
	C1			
2 cm	N2C2	N2C3		
3	N3C2	N3C3		
4	N4C2	N4C3		
5	N5C2	N5C3		
10	N10C2	N10C3		
15	N15C2	N15C3	L15C2R	L15C3R
30	N30C2	N30C3	L30C2R	L30C3R
50	N50C2	N50C3	L50C2R	L50C3R
1 m	N1M2	N1M3	L1M2R	L1M3R
2			L2M2R	L2M3R
3			L3M2R	L3M3R
4			L4M2R	L4M3R
5			L5M2R	L5M3R
6			L6M2R	L6M3R
7			L7M2R	L7M3R
8			L8M2R	L8M3R
9			L9M2R	L9M3R
10			L10M2R	L10M3R
15			L15M2R	L15M3R
20			L20M2R	L20M3R
25			L25M2R	L25M3R
30 m			L30M2R	L30M3R
Oprg. temp. range	-196 to 80°C		-10 to 80°C	
Remarks	Twisted for 50 cm and 1 m long		L-6, L-9 for 6 m or longer	L-7, L-10 for 6 m or longer

Uniaxial
Resistance : 120Ω, Gage factor : Approx. 2.1



KFP-5-120-C1-65	5	2.5	13	5.2
KFP-2-120-C1-65	2	2	10	4.7

Uniaxial 350- gage
Resistance : 350Ω, Gage factor : Approx. 2.1

KFP-5-350-C1-65	5	2.6	13	5.2
KFP-2-350-C1-65	2	2.4	10	5.2

Gage for Low-Elasticity Materials

●KFML Foil Strain Gage for Low-Elasticity Materials

The KFML foil strain gage uses a base with extremely low rigidity, enabling strain measurement of rubber or the similar materials with low Young's moduli.

Uniaxial 350Ω gage
Resistance : 350Ω
Gage factor : Approx. 2.0
(when bonded to metal)

Applicable Adhesives and Operating Temperature Range after Curing

EC-30 : 0 to 60°C　　CC-33A : 0 to 60°C　　CC-36 : 0 to 60°C

KFML-5-350-C1	5	4	33	7

A minimum quantity 10 piece