



High-temperature Gages KFH

Patterns, Gage Resistance, Gage Factor	Models	Dimensions (mm)				Remarks
		Grid		Base		
		Length	Width	Length	Width	

●KFH Series High-temperature Foil Strain Gages (250°C)

The base is made of highly heat-resistant polyimide and the gage element is made of NiCr alloy foil, thereby ensuring less thermal output and excellent temperature characteristics.

Appropriate adhesives and operating temperature range, time/temp for curing.
(It changes depending on the condition.)

PC-600: -196 to 250°C
24 hours or less at 250 °C

EP-34B: -55 to 200°C
120 hours or less at 200 °C

PI-32: -196 to 250°C
24 hours or less at 250 °C


■Types, lengths and codes of lead wire cables pre-attached to KFH gages

Types	High/low-temp. 3-wire cable	Glass-coated cable Ni-clad 3-wire copper cable	Fluoroplastic-coated high/low-temp. 3-wire cable
Length	C1, D25		
15 cm	H15C3	B15C3	F15C3
30 cm	H30C3	B30C3	F30C3
1 m	H1M3	B1M3	F1M3
3 m	H3M3	B3M3	F3M3
5 m	H5M3	B5M3	F5M3
Oprg. temp. range	-196 to 250°C	Normal temp. to 250°C	-196 to 250°C
Remarks	L-17	Contact us	L-3

* For other lead wire cable lengths, contact us.

Uniaxial

Resistance: 120 Ω
Gage factor: Approx. 1.9 (At 250 °C)

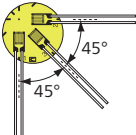


These gages are also available with 350Ω gage resistance, with a slight difference in size from 120Ω gages.

KFH-5-120-C1-11					
KFH-5-120-C1-16	5	2.5	10	3.7	10
KFH-5-120-C1-23					
KFH-2-120-C1-11					
KFH-2-120-C1-16	2	2.5	6	3.7	10
KFH-2-120-C1-23					
KFH-1-120-C1-11					
KFH-1-120-C1-16	1	1.5	4	2.7	10
KFH-1-120-C1-23					
KFH-05-120-C1-11					
KFH-05-120-C1-16	0.5	1.4	3.3	2.7	10
KFH-05-120-C1-23					
KFH-02-120-C1-11					
KFH-02-120-C1-16	0.2	1	2.5	2.2	10
KFH-02-120-C1-23					

Triaxial, 0°/90°/45°

Resistance: 120 Ω
Gage factor: Approx. 1.9 (At 250 °C)



These gages are also available with 350Ω gage resistance, with a slight difference in size from 120Ω gages.

KFH-1-120-D25-11					
KFH-1-120-D25-16	1	1.5	φ8		A min. qty 5 PC.
KFH-1-120-D25-23					
KFH-05-120-D25-11					
KFH-05-120-D25-16	0.5	1.4	φ7.5		A min. qty 5 PC.
KFH-05-120-D25-23					

A min. qty 10 PC.