

High-temperature Gages (KFU & KH)

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

●KFU Series High-temperature Foil Strain Gages (350°C)

RoHS

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

E.g.
For the gage with a high/low-temperature 3-wire cable 5 m long pre-attached
→ **KFU-5-120-C1-11 H5M3**

If no lead-wire cable code is suffixed, the gage is delivered with an advance ribbon cable only (25 mm long).

Resistance: 120 Ω
Gage factor: Approx. 1.85 (At 350 °C)

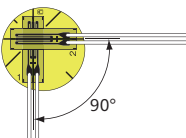


These KFU series gages are also available with the gage resistance of 350Ω.
The size is slightly different from 120Ω gages.

KFU-5-120-C1-11				
KFU-5-120-C1-16	5	2.5	10	3.7
KFU-5-120-C1-23				
KFU-2-120-C1-11				
KFU-2-120-C1-16	2	2.5	6	3.7
KFU-2-120-C1-23				

Biaxial, 0°/90° stacked rosette

Resistance: 120 Ω
Gage factor: Approx. 1.85 (At 350 °C)

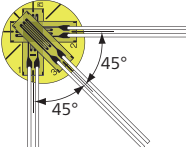


These KFU series gages are also available with the gage resistance of 350Ω.
The size is slightly different from 120Ω gages.

KFU-5-120-D16-11				
KFU-5-120-D16-16	5	1.4	φ11	
KFU-5-120-D16-23				
KFU-2-120-D16-11				
KFU-2-120-D16-16	2	1.2	φ8	
KFU-2-120-D16-23				

Triaxial, 0°/90°/45° stacked rosette

Resistance: 120 Ω
Gage factor: Approx. 1.85 (At 350 °C)



These KFU series gages are also available with the gage resistance of 350Ω.
The size is slightly different from 120Ω gages.

KFU-5-120-D17-11				
KFU-5-120-D17-16	5	1.4	φ11	
KFU-5-120-D17-23				
KFU-2-120-D17-11				
KFU-2-120-D17-16	2	1.2	φ8	
KFU-2-120-D17-23				

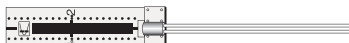
Patterns, Gage Resistance, Gage Factor	Models	Dimensions (mm)				Remarks
		Gage (Grid)		Base		
		Length	Width	Length	Width	

●KH Series High-temperature Foil Strain Gages (350°C)

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

E.g.
For the gage with a glass-coated Ni-plated 3-wire copper cable 5 m long pre-attached
→ **KH-5-350-G4-11 D5M3**

Resistance: 350 Ω
Gage factor: Approx. 2.0 (At 350 °C)



The metal base enables easy mounting with a compact spot welder.

Installation Method

	Operating Temp. after Curing the Adhesive
Spot welding	-50 to 350°C

Operating time (Depends on usage conditions)
24 hours or less at 350°C
72 hours or less at 300°C

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

Type	Glass-coated Ni-plated 3-wire copper cable
Length	G4
15 cm	D15C3
30 cm	D30C3
1 m	D1M3
3 m	D3M3
5 m	D5M3
Operating temp.	-50 to 350°C

*For other lead-wire cable lengths, contact us.

KH-5-350-G4-11	5	1	30	8	5 gages/ pkg
KH-5-350-G4-16					

10 gages/ pkg unless otherwise specified.