

# 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).

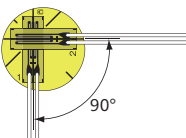
### Uniaxial

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



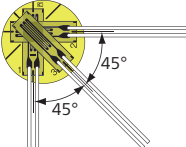
### Biaxial, 0°/90° stacked rosette

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



### Triaxial, 0°/90°/45° stacked rosette

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



Type	High/low-temp. 3-wire cable			
	C1, D16, and D17			
	Length			
15 cm				H15C3
30 cm				H30C3
1 m				H1M3
3 m				H3M3
5 m				H5M3
Operating temp.				-30 to 350°C
Remarks				L-17

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

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				

Type	Glass-coated Ni-plated 3-wire copper cable			
	G4			
	Length			
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					

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)

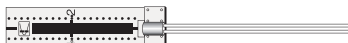
When ordering, suffix the lead-wire cable code (see table at the right) to the model number with a space in between.

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**

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

### Uniaxial

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



### 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			
	G4			
	Length			
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.