

Gages for Residual Stress Measurement

KFG

- Gage Factor Approx. 2.1
- Applicable Linear Expansion Coefficients 11, 16, 23, 27
- Self-temperature-compensation Range 10 to 100°C

Applicable Adhesives and Operating Temperature Ranges

CC-33A: -196 to 120°C
CC-35: -30 to 120°C
EP-34B: -55 to 150°C
PC-6: -196 to 150°C

■ Foil Strain Gages for Boring Method

These gages are designed to measure residual stress by releasing stress with a boring method.

KFG Gages ● Triaxial (for boring method), 120Ω

Pattern	Leadwire Cable - Type and Shape	Operating Temp. Range	Leadwire Length	Model
 <p>KFG-3-120-D28-11 16 23 27</p> <p>Triaxial, 0°/135°/90°</p> <ul style="list-style-type: none"> ● Base Size 19.8 mmφ ● Gage Length 3 mm ● Gage Resistance 120Ω ● Pieces per Pack 10 	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-3-120-D28-11 L1M3S
			3m	KFG-3-120-D28-11 L3M3S
			5m	KFG-3-120-D28-11 L5M3S
	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-3-120-D28-11 L1M2S
			3m	KFG-3-120-D28-11 L3M2S
			5m	KFG-3-120-D28-11 L5M2S
	Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-3-120-D28-11 R1M3
			3m	KFG-3-120-D28-11 R3M3
			5m	KFG-3-120-D28-11 R5M3
	Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-3-120-D28-11 R1M2
			3m	KFG-3-120-D28-11 R3M2
			5m	KFG-3-120-D28-11 R5M2
	2 polyester-coated 2copper wires	-196 to 150°C	5cm	KFG-3-120-D28-11 N5C2
			15cm	KFG-3-120-D28-11 N15C2
			30cm	KFG-3-120-D28-11 N30C2
Silver-clad copper wires	-196 to 150°C	25mm	KFG-3-120-D28-11	
 <p>KFG-1.5-120-D28-11 16 23 27</p> <p>Triaxial, 0°/135°/90°</p> <ul style="list-style-type: none"> ● Base Size 12 mmφ ● Gage Length 1.5 mm ● Gage Resistance 120Ω ● Pieces per Pack 10 	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-1.5-120-D28-11 L1M3S
			3m	KFG-1.5-120-D28-11 L3M3S
			5m	KFG-1.5-120-D28-11 L5M3S
	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-1.5-120-D28-11 L1M2S
			3m	KFG-1.5-120-D28-11 L3M2S
			5m	KFG-1.5-120-D28-11 L5M2S
	Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-1.5-120-D28-11 R1M3
			3m	KFG-1.5-120-D28-11 R3M3
			5m	KFG-1.5-120-D28-11 R5M3
	Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-1.5-120-D28-11 R1M2
			3m	KFG-1.5-120-D28-11 R3M2
			5m	KFG-1.5-120-D28-11 R5M2
	2 polyester-coated copper wires	-196 to 150°C	5cm	KFG-1.5-120-D28-11 N5C2
			15cm	KFG-1.5-120-D28-11 N15C2
			30cm	KFG-1.5-120-D28-11 N30C2
Silver-clad copper wires	-196 to 150°C	25mm	KFG-1.5-120-D28-11	