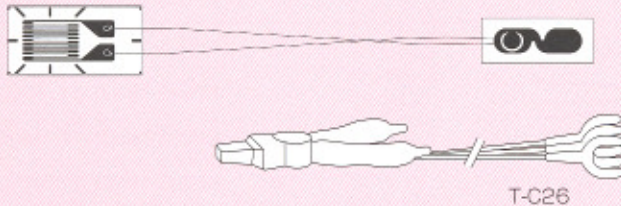


Gages for Residual Stress Measurement

KFG



(When a clip-equipped dedicated cable is used, the operating temperature range is -10 to 80°C after any of applicable adhesives is cured.)

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



Applicable Adhesives and Operating Temperature Ranges

- PC-6: -196 to 150°C
- PC-12: -196 to 150°C
- CC-33A: -196 to 120°C
- CC-35: -30 to 120°C





■ Foil Strain Gages with Gage Terminal

Gages for residual stress measurement are KFG gages equipped with a gage terminal which enables one-touch connection/disconnection of the leadwire cable. They are suitable for residual stress measurement with the cutting method. A clip-equipped dedicated cable T-C26 (vinyl-coated, 2m long) is optionally available.

KFG Gages ● Uniaxial (with gage terminal), 120Ω

Pattern	Leadwire Cable - Type and Shape	Operating Temp. Range	Leadwire Length	Model
 <p style="color: red; text-align: center;">Polyester-coated copper wires with gage terminal</p> <p>KFG-2-120-C1-11 16 23</p> <p>Uniaxial</p> <ul style="list-style-type: none"> ● Base Size 6.3 x 2.8 mm ● Gage Length 2 mm ● Gage Resistance 120Ω ● Pieces per Pack 10 		-196 to 150°C	15mm	KFG-2-120-C1-11 T-F7
 <p style="color: red; text-align: center;">Polyester-coated copper wires with gage terminal</p> <p>KFG-1-120-C1-11 16 23</p> <p>Uniaxial</p> <ul style="list-style-type: none"> ● Base Size 4.8 x 2.4 mm ● Gage Length 1 mm ● Gage Resistance 120Ω ● Pieces per Pack 10 		-196 to 150°C	15mm	KFG-1-120-C1-11 T-F7

KFG Gages ● Biaxial/Triaxial (with gage terminal), 120Ω

Pattern	Leadwire Cable - Type and Shape	Operating Temp. Range	Leadwire Length	Model
 <p style="color: red; text-align: center;">Polyester-coated copper wires with gage terminal</p> <p>KFG-2-120-D16-11 Biaxial, 0°/90° stacked rosette</p> <p>16 23</p> <ul style="list-style-type: none"> ● Base Size 8 mm φ ● Gage Length 2 mm ● Gage Resistance 120Ω ● Pieces per Pack 10 		-196 to 150°C	15mm	KFG-2-120-D16-11 T-F7
 <p style="color: red; text-align: center;">Polyester-coated copper wires with gage terminal</p> <p>KFG-1-120-D16-11 Biaxial, 0°/90° stacked rosette</p> <p>16 23</p> <ul style="list-style-type: none"> ● Base Size 5 mm φ ● Gage Length 1 mm ● Gage Resistance 120Ω ● Pieces per Pack 10 		-196 to 150°C	15mm	KFG-1-120-D16-11 T-F7
 <p style="color: red; text-align: center;">Polyester-coated copper wires with gage terminal</p> <p>KFG-2-120-D17-11 Triaxial, 0°/90°/45° stacked rosette</p> <p>16 23</p> <ul style="list-style-type: none"> ● Base Size 8 mm φ ● Gage Length 2 mm ● Gage Resistance 120Ω ● Pieces per Pack 10 		-196 to 150°C	15mm	KFG-2-120-D17-11 T-F7
 <p style="color: red; text-align: center;">Polyester-coated copper wires with gage terminal</p> <p>KFG-1-120-D17-11 Triaxial, 0°/90°/45° stacked rosette</p> <p>16 23</p> <ul style="list-style-type: none"> ● Base Size 5 mm φ ● Gage Length 1 mm ● Gage Resistance 120Ω ● Pieces per Pack 10 		-196 to 150°C	15mm	KFG-1-120-D17-11 T-F7