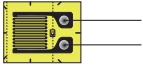



Gages for High-pressure Hydrogen Gas Environment KfV

Patterns, Gage Resistance, Gage Factor	Models	Dimensions (mm)				Remarks				
		Grid		Base						
		Length	Width	Length	Width					
<p>●KfV Foil Strain Gage for Hydrogen Gas Environment</p> <p>Uniaxial 350Ω gages Resistance: 350 Ω Gage factor: Approx. 2.5</p>  <p>KfV is a foil strain gage that enables stable strain measurement under high-pressure hydrogen gas environment. The metal foil of conventional foil strain gages has the electric resistance changed by receiving hydrogen effect, thereby disabling stable strain measurement. KfV strain gage receives less electric resistance change due to hydrogen, thereby enabling stable strain measurement.</p> <p>Applicable Adhesives and Operating Temperature Range after Curing</p> <table border="1"> <thead> <tr> <th>Adhesives</th> <th>Operating Temp. after Gluing the Gages</th> </tr> </thead> <tbody> <tr> <td>PC-600</td> <td>-30 to 80°C</td> </tr> </tbody> </table> <p>To Ensure Safe Usage Before using KfV strain gage, request the leaflet and read thoroughly the Safety Precautions described there.</p>							Adhesives	Operating Temp. after Gluing the Gages	PC-600	-30 to 80°C
Adhesives	Operating Temp. after Gluing the Gages									
PC-600	-30 to 80°C									
KFF-2-350-C1		2	3.2	6	5	Polyester-coated copper lead wires 2 gages/ pkg				

Bending Strain Measuring Gages KFF



Patterns, Gage Resistance, Gage Factor	Models	Dimensions (mm)				Remarks						
		Grid		Base								
		Length	Width	Length	Width							
<p>●KFF Series Foil Strain Gages for Bending Strain Measurement</p> <p>Uniaxial 350Ω gages Resistance: 350 Ω Gage factor: Approx. 2.1</p>  <p>The KFF series foil strain gages have one each sensing element on both the upper and lower sides of the thick plastic base. Thus, if allowing no gage to be bonded directly to the inside of the measuring object as in the case of measuring stress due to internal pressure in high-pressure vessels or stress measurement in box structures such as bridge girders, the KFF series gages will be bonded to the surface to obtain strain at the rear.</p> <p>Applicable Adhesives and Operating Temperature Range after Curing</p> <table border="1"> <thead> <tr> <th>Adhesives</th> <th>Operating Temp. after Gluing the Gages</th> </tr> </thead> <tbody> <tr> <td>CC-33A</td> <td>-50 to 80°C</td> </tr> <tr> <td>EP-180</td> <td>-50 to 80°C</td> </tr> </tbody> </table>							Adhesives	Operating Temp. after Gluing the Gages	CC-33A	-50 to 80°C	EP-180	-50 to 80°C
Adhesives	Operating Temp. after Gluing the Gages											
CC-33A	-50 to 80°C											
EP-180	-50 to 80°C											
	KFF-30-350-C11-11 KFF-30-350-C11-16 KFF-30-350-C11-23 KFF-30-350-C12-11 KFF-30-350-C12-16 KFF-30-350-C12-23			30×7×1		5 gages/ pkg 5 gages/ pkg						