



Series "UF" Foil Strain Gauge



Compatible adhesive & Operational temperature
 CN: -20~+120°C
 NP-50: -20~+150°C EB-2: -20~+150°C

Operational temperature -20~+150°C
 Temperature compensation range +10~+100°C

GENERAL USE

Gauge pattern		Type	Gauge size		Backing		Resistance
			L	W	L	W	in Ω
			L : length W : width (Unit : mm)				
<p>The backing of this gauge is made of polyimide-amide resin, which enables the gauge to be used in 150°C maximum. The backing is thin and it is easy to bond the gauge even on a curved surface without deterioration of the performance. The backing is color coded for distinction of object specimen material for self temperature compensation as same as the F series.</p>							
<p>●Single-element (G.F. 2.1 approx.)</p>		Single-element					
<p>UFLG-02 (x3)</p>			UFLG-02-11 -17 -23	0.2 1.4	3.5 2.5	120	
<p>UFLA-03 (x3)</p>			UFLA-03-11 -17 -23	0.3 1.4	3.0 2.0	120	
<p>UFLA-1 (x3)</p>			UFLA-1-11 -17 -23	1 1.3	5.0 2.5	120	
<p>UFLA-2 (x3)</p>			UFLA-2-11 -17 -23	2 1.5	6.5 3.0	120	
<p>UFLK-1 (x3)</p>			UFLK-1-11 -17 -23	1 0.7	4.5 1.4	120	
<p>UFLK-2 (x3)</p>		UFLK-2-11 -17 -23	2 0.9	5.5 1.5	120		
<p>●90° 2-element Cross (G.F. 2.1 approx.) Stacked type</p>		90° 2-element Cross, Stacked type					
<p>UFCA-1 (x3)</p>			UFCA-1-11 -17 -23	1 0.7	φ4.5	120	
<p>UFCA-2 (x3)</p>			UFCA-2-11 -17 -23	2 0.9	φ7.0	120	
<p>UFCA-5 (x3)</p>		UFCA-5-11 -17 -23	5 1.9	φ12.0	120		
<p>●45°/90° 3-element Rosette (G.F. 2.1 approx.) Stacked type</p>		45° /90° 3-element Rosette, Stacked type					
<p>UFRA-1 (x3)</p>			UFRA-1-11 -17 -23	1 0.7	φ4.5	120	
<p>UFRA-2 (x3)</p>			UFRA-2-11 -17 -23	2 0.9	φ7.0	120	
<p>UFRA-5 (x3)</p>		UFRA-5-11 -17 -23	5 1.9	φ12.0	120		


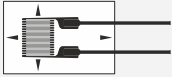
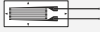





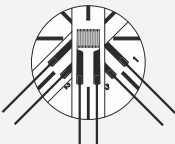


Each package contains 10 gauges.



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Operational temperature -20~+150°C
 Temperature compensation range +10~+100°C

GENERAL USE

Gauge pattern	Type	Gauge size		Backing		Resistance in Ω
		L	W	L	W	
L : length W : width (Unit : mm)						
<p>●Single-element (G.F. 2.1 approx.)</p>  <p>UFLA-1-350</p>  <p>UFLA-3-350</p>  <p>UFLA-5-350</p>	<p>High gauge resistance Single-element</p>	<p>UFLA-1-350-11 -17 -23</p>	<p>1 1.6</p>	<p>4.6 3.0</p>	<p>350</p>	
		<p>UFLA-2-350-11 -17 -23</p>	<p>2 1.9</p>	<p>6.1 3.5</p>	<p>350</p>	
		<p>UFLA-3-350-11 -17 -23</p>	<p>3 1.6</p>	<p>7.2 3.0</p>	<p>350</p>	
		<p>UFLA-5-350-11 -17 -23</p>	<p>5 1.8</p>	<p>9.4 3.8</p>	<p>350</p>	
<p>●90° 2-element Cross (G.F. 2.1 approx.) Stacked type</p>  <p>UFCA-1-350</p>  <p>UFCA-3-350</p>  <p>UFCA-2-350</p>  <p>UFCA-5-350</p>	<p>High gauge resistance, 90° 2-element Cross, Stacked type</p>	<p>UFCA-1-350-11 -17 -23</p>	<p>1 1.6</p>	<p>ϕ8.0</p>	<p>350</p>	
		<p>UFCA-2-350-11 -17 -23</p>	<p>2 1.9</p>	<p>ϕ9.5</p>	<p>350</p>	
		<p>UFCA-3-350-11 -17 -23</p>	<p>3 2.0</p>	<p>ϕ10.0</p>	<p>350</p>	
		<p>UFCA-5-350-11 -17 -23</p>	<p>5 1.8</p>	<p>ϕ10.0</p>	<p>350</p>	
<p>●45° /90° 3-element Rosette (G.F. 2.1 approx.) Stacked type</p>  <p>UFRA-1-350</p>  <p>UFRA-3-350</p>  <p>UFRA-2-350</p>  <p>UFRA-5-350</p>	<p>High gauge resistance, 45° /90° 3-element Rosette, Stacked type</p>	<p>UFRA-1-350-11 -17 -23</p>	<p>1 1.6</p>	<p>ϕ8.0</p>	<p>350</p>	
		<p>UFRA-2-350-11 -17 -23</p>	<p>2 1.9</p>	<p>ϕ9.5</p>	<p>350</p>	
		<p>UFRA-3-350-11 -17 -23</p>	<p>3 2.0</p>	<p>ϕ10.0</p>	<p>350</p>	
		<p>UFRA-5-350-11 -17 -23</p>	<p>5 1.8</p>	<p>ϕ10.0</p>	<p>350</p>	
<p>Leadwire-integral service is also available, contact Altheris bv. Minimum order is 10 gauges or more.</p>						

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