



composite

Description

Compatible adhesive - 20~ + 120°C	& Operational temperature CN EB-2 : - 30~ + 150°C	
	Operational temperature -30~	+150°C
Tem	perature compensation range	-

Series "UBF"

COMPOSITE MATERIALS USE

Gauge pattern	Туре	Gauge size L W	Backing L W	Resistance in Ω
The UBF gauge is designed for measurement on composite materials. It has a specially designed grid configuration to reduce the tightening effect of the gauge to the specimen. Developing soft carrier backing, this series feature advanced characteristics of thermal cycle examination and gauge creep.	Static measurement : -30~+120°C Dynamic measurement : -30~+150°C	L : length	W : width (Unit :	mm)
Single element	UBFLA-03	0.3 1.9	3.4 2.5	120
	UBFLA-1	1 1.3	4.5 2	120
UBFLA-03 (x3)				
UBFLA-01 (x3) Each package contains 10 gauges.	Composite materials such as GFRP (glass fibers), CFRP (carbon fibers), or AFRP(aramid fibers) for reinforced plastics have different elastic modulus and linear thermal expansion coefficient depending on their fiber orientation. For strain measurement, consideration of materials property and fiber orientation should be taken.			
Leadwire-integral service is available on request.				

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The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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Germany/Austria/Switzerland info@althen.de

Benelux sales@althen.nl **France** info@althensensors.fr Sweden info@althensensors.se

USA/Canada info@althensensors.com Other countries info@althensensors.com