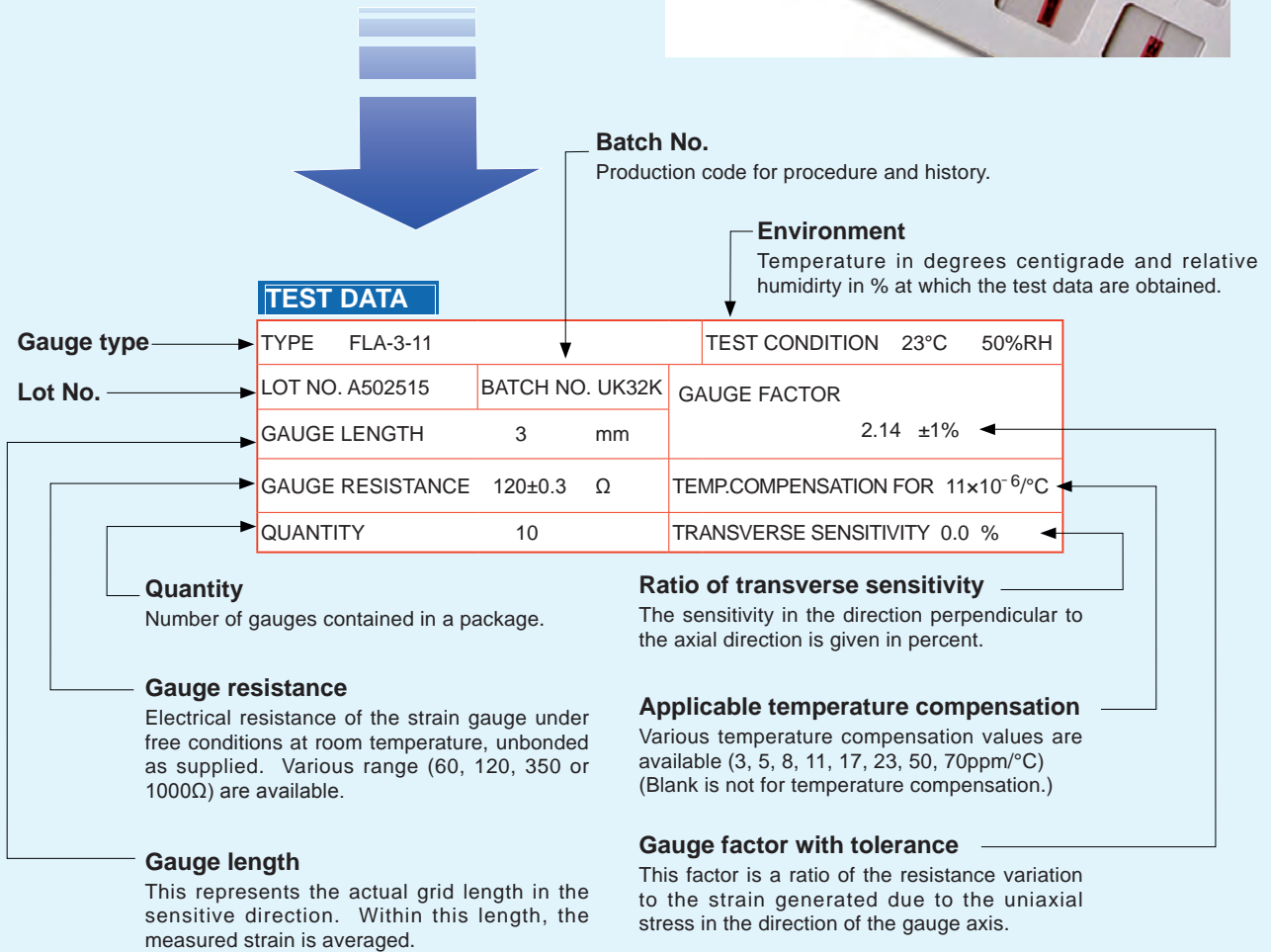
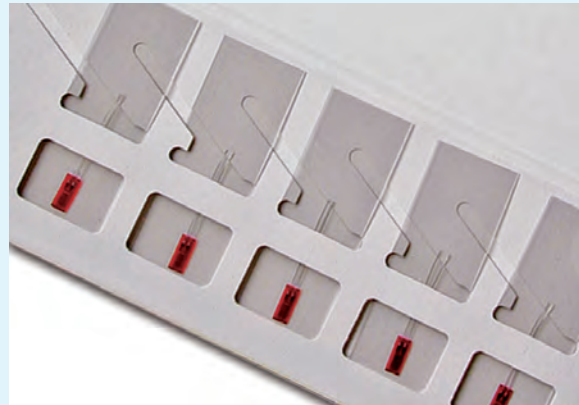
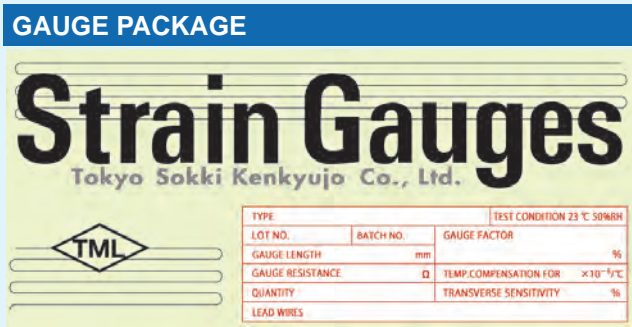


PACKAGE DESIGNATION

TML strain gauges are delivered together with TML Strain Gauge Test Data (example shown below). The evaluation methods conform to the National Aerospace Standard NAS942 (modified). For installation, handling and bonding procedures, please see the data sheet.



COLOR CODING FOR TEST SPECIMEN

Colors of package label differ depending on the test specimen material for temperature compensation.

Test specimen	Linear thermal expansion coefficient	Coloring	Gauge type exemplified
Mild steel (ferritic)	11ppm/°C	Red	FLA-3-11-5LT
Stainless steel Copper alloy	17ppm/°C	Brown	FLA-3-17-5LT
Aluminium	23ppm/°C	Green	FLA-3-23-5LT
Others	-	Grey	GFLA-3-70-5LT

LEADWIRE-INTEGRATED STRAIN GAUGE PACKAGE

TYPE	FLA-3-11-5LT		
LOT NO.	A510511	GAUGE LENGTH	3 mm
GAUGE FACTOR	2.14		±1%
GAUGE RESISTANCE	119.5±0.5 Ω	QUANTITY	10
TEMP.COMPENSATION FOR	TEST CONDITION		
11 ×10 ⁻⁶ /°C	23°C 50%RH		
TRANSVERSE SENSITIVITY	0.0 %	BATCH NO.	ZF28T
LEADWIRES	10/0.12 3W 5m		

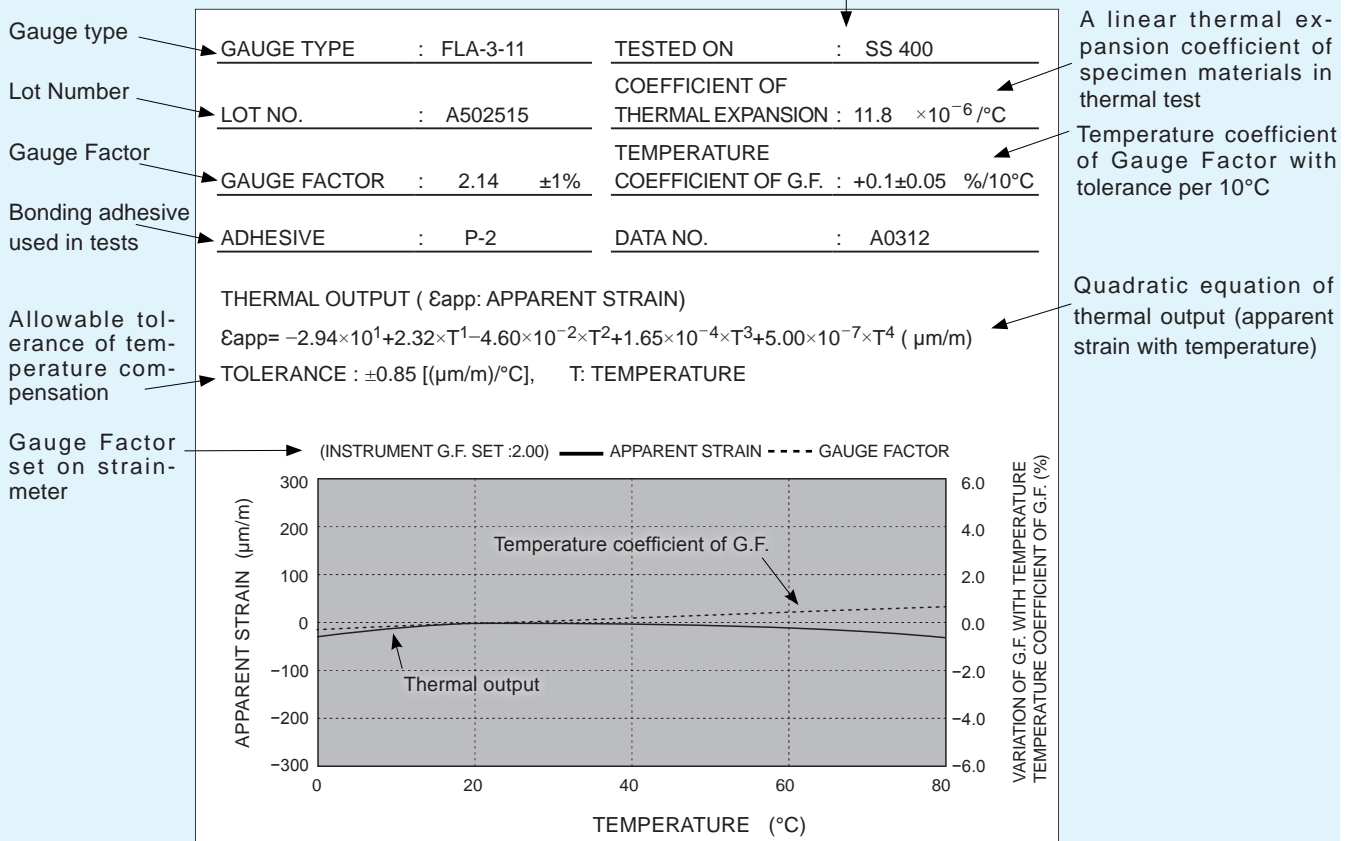


LEADWIRES

Core number/diameter (or cross section area) Wiring procedure Length of leadwire
 Above in column examples 10-core 0.12mm diameter, 3-wire leadwire of 5-meter long

TML STRAIN GAUGE TEST DATA

Test specimen used in thermal output test



Example of curved data on thermal output

GAUGE FACTOR OF LEADWIRE-INTEGRATED STRAIN GAUGES

Gauge factor of leadwire-integrated strain gauges given in the supplied TML STRAIN GAUGE TEST DATA is of the strain gauge itself, which is not corrected with attached leadwire. Refer to the test data sheet in which Gauge Factor Correction due to Leadwire attachment is given.