

## Product Description

EMS Material Designation	GB2
ASTM Type	
Numer of Layers	2
Standard Marking	TRUFLEX BP10
Remarks	General Purpose 100 to 550°F (38-260°C)

## Chemical Composition

	<u>Grade</u>	<u>Chemistry</u>
High Expansion Alloy	Alloy GB	19% Ni, 7% Cr, Bal Fe
Low Expansion Alloy	Alloy 20	40% Ni, Bal Fe

## Thermostatic Properties

	<b>ENGLISH</b>	<b>METRIC</b>
ASTM Flexivity (50-200°F)	128 X 10 <sup>-7</sup> (in/in)/°F	
Specific Curvature (10-93°C)		23.0 X 10 <sup>-6</sup> (mm/mm)/°C
Maximum Sensitivity Temperature Range	100 to 550°F	40 to 290°C
Useful Deflection Temperature Range	-100 to 1000°F	-70 to 540°C
Recommended Maximum Temperature	1000°F	540 °C
Electrical Resistivity @ 75°F (24°C)	426 to 464 *OCMF	0.708 to 0.771 uohms-m

## Physical Properties

	<b>ENGLISH</b>	<b>METRIC</b>
Density	0.295 Lb/in <sup>3</sup>	8.17 g/cm <sup>3</sup>
Modulus of Elasticity (E)	26.0 Msi	179 GPa

\*Ohms-Circular-Mil / Foot