THERMOSTATIC BIMETALS

UP TO TEMPERATURE
FOR THE SAFETY OF YOUR PRODUCTS

Auerhammer Metallwerk
Wickeder Group

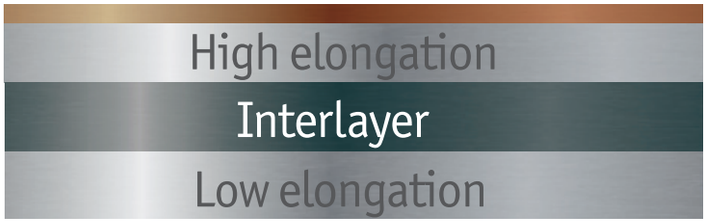
www.auerhammer.com

Thermostatic bimetals are used whenever temperature-dependent variables need to be regulated, controlled or limited. Especially in small applications space is limited, so bimetals should be small and thin. We can achieve a thickness as thin as 0.068 mm (68 µm) and a width as narrow as 3 mm!

2-layer bimetal

3-layer bimetal with intermediate layer to reduce resistance

Thin layers of Stainless Steel to increase corrosion resistance



Thin copper layer to improve solderability

Alloys with high thermal linear expansion

MnNi16Cu10/ MnCu18Ni10
FeNi20Mn6 / FeNi22Cr3

Alloys with low thermal linear expansion

FeNi32Co6 / FeNi36 / FeNi42
many more

PORTFOLIO WICKEDER GROUP

› Clad Materials › Bimetals › Nickel Strips › Metal Foils
› Photochemical Etching › Sheet Metal Working › Waterjet Cutting
› Electroforming › Parylene Coating › Materials Engineering etc.

CONTACT