



FOSHAN KUN LIU SHENG COMPOSITE MATERIAL CO.,LTD

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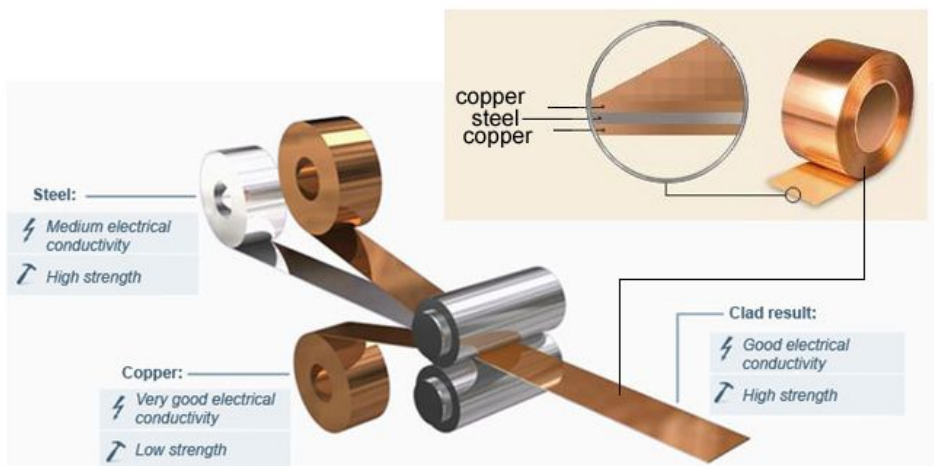
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Copper steel composite strip

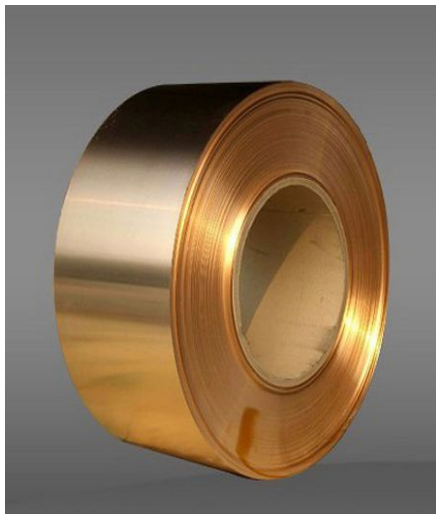


Copper-Steel Composite Strip:

- *carbon steel as basic metal, claded with T2 red copper/brass H65/C22000 /CZ101.can be one side cladding or both sides cladding.
- *Special technical treatment to merged the two material into a single whole and can not be pilled off
- *Thickness combination can be customerized.
- *High strength,good electrical and thermal conductivity ,excellent corrosive resistance and extensibility.
- *Usage:electronic spare parts,USB sockets, connectors, automobile radiators, gas heaters, LED spare parts, coins, hardware industries, etc.



CSC composite/clad strip KLS-H1JS



- *Base layer Material :simple carbon steel / Q195
- *Clad layer Material :Brass H90 / C22000/CZ101
- *Thickness range:0.2mm ~2.0mm
- *Width :25mm~470mm
- *Application : Bullet shell ,game coin, indoor decoration etc.

Advantage for bullet shell :

- *Ensuring the performance of the bullet
- *Saving the brass material,low cost
- *preventing the corrsion occur when using or storage
- *The lubrication of surface brass can reduce the bullet's wearing to the Chamber
- *Excellent **Cold impact manufacturability**



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CSC composite/clad strip KLS-T1JS



*Base layer material :carbon steel/Q195

*Clad material :T2 red copper/H65 brass

*Thickness range :0.2mm~1.5mm

Thickness tolerance (δ) : $Tk \leq 0.5\text{mm}$, $\delta = 0.04\text{mm}$

$0.5\text{mm} < Tk \leq 1.0\text{mm}$, $\delta = 0.06\text{mm}$

$Tk > 1.0\text{mm}$, $\delta = 0.08\text{mm}$

*Width range : T2 copper cladding $\leq 580\text{mm}$

H65 brass cladding $\leq 450\text{mm}$

Width tolerance (β) : $W \leq 200\text{mm}$, $\beta = 0.5\text{mm}$

$200\text{mm} < W \leq 400\text{mm}$, $\beta = 0.8\text{mm}$

$W > 400\text{mm}$, $\beta = 1.0\text{mm}$

*Form : coil size: $\varnothing 100\text{mm}$, $\varnothing 250\text{mm}$, $\varnothing 508\text{mm}$, $\varnothing 1400\text{mm}$

sheet size: Length: $450\text{mm} \sim 800\text{mm}$

*Mechanical Performance :

NO	Temper	Tensile Strength (N/mm ²)	Elongation (%)	Application
1	TM	≥ 280	≥ 45	Very good extensibility, suitable for very deep pressing
2	M	≥ 290	≥ 33	Good extensibility, suitable for general pressing
3	Y ₂	350-450	≥ 5	With certain degree of extensibility, suitable for components requiring bending and certain strength
4	Y	≥ 460	-	suitable for components processed through flat punching or simple bending with high requirements for strength.
5	TY	≥ 650	-	Very high strength, fatigue resistance, and elasticity

•TM temper:extra soft , M temper:soft

•Y2 temper:semihard , Y temper:hard
TY temper: extra hard

CSC Strip Application

