

**PHOS BRONZE – UNS C51000**  
**(CuSn5 PHOS BRONZE SHEET – HALF HARD)**  
 ROLLED SHEET



**WE CUT TO YOUR SIZES**  
**STANDARD SHEET SIZES: 1800 X 600 MM**

STOCK PLATE THICKNESS -- FULL SHEET WEIGHT 2000 x 300 mm	
0.3 MM -- 2.9 KGS	1.2 MM --- 11.44 KGS
0.4 MM -- 3.78 KGS	1.6 MM -- 15.2 KGS
0.5 MM -- 4.75 KGS	2.0 MM -- 19 KGS
0.6 MM -- 5.75 KGS	2.5 MM -- 23.85 KGS
0.8 MM -- 7.56 KGS	3.0 MM -- 28.6 KGS
1.0 MM --- 9.54 KGS	

CHEMICAL COMPOSITION			
COPPER Cu %	PHOS P %	TIN Sn %	
REM	0.01 – 0.4	4.5 – 5.5	

TYPICAL MECHANICAL PROPERTIES – HALF HARD					
THICKNESS	TENSILE STRENGTH		ELONGATION %	HARDNESS	
	ALL SIZES	MPa		500 min	10
	Ksi	72 min		HB	174 - 201
				HRB	89 - 95