

Shielding Cans – Tinplate Steel

Materials Specification: Cold Reduced Electrolytic Tinplate Steel
Tinplate Standard: TS275E8.4/8.4 EN 10202:2001

The material used to fabricate these shields is based on a mild steel with less than 0.12% Carbon and no more than 1% alloying elements and naturally occurring impurities. Major shielding elements are thus ferrous and tin. The thin resultant layer of tin enables shields to be soldered easily to pc boards as well as providing a corrosion resistant protection during the assembly process.

CHEMICAL COMPOSITION

Element	Minimum %	Maximum %
C	0.000	0.120
Mn	0.000	0.600
P	0.000	0.020
S	0.000	0.050
Si	0.000	0.020
Cu	0.000	0.200
Ni	0.000	0.150
Cr	0.000	0.100
Mo	0.000	0.050

MECHANICAL PROPERTIES

Yield Stress	225-325 N/mm ²
Tensile Strength	325-425 N/mm ²
Elongation	0%

The whole of the supplies detailed hereon, unless otherwise stated, have been manufactured by a Quality Assured source and have been subjected to the Quality System Requirements in accordance with the conditions of our Stockists Level B Registration to BS EN ISO 9001:2000.



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