



# POOL and SPA EQUIPOTENTIAL BONDING

## COPPER BONDING MESH KITS

Use to provide equipotential bonding grid

- under pool perimeter surfaces,
- under paving stones or concrete

Fulfills 2008 NEC Article 680.26(B)(1)(b) requirements

Made of #8AWG solid copper with exothermically welded joints

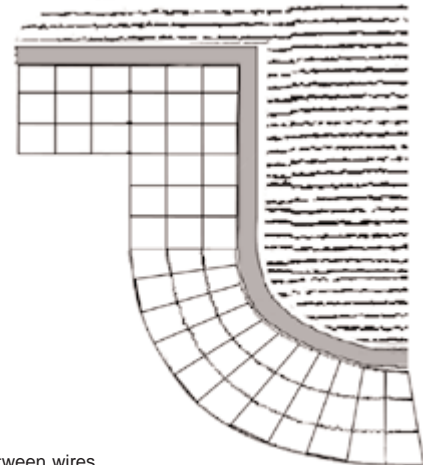
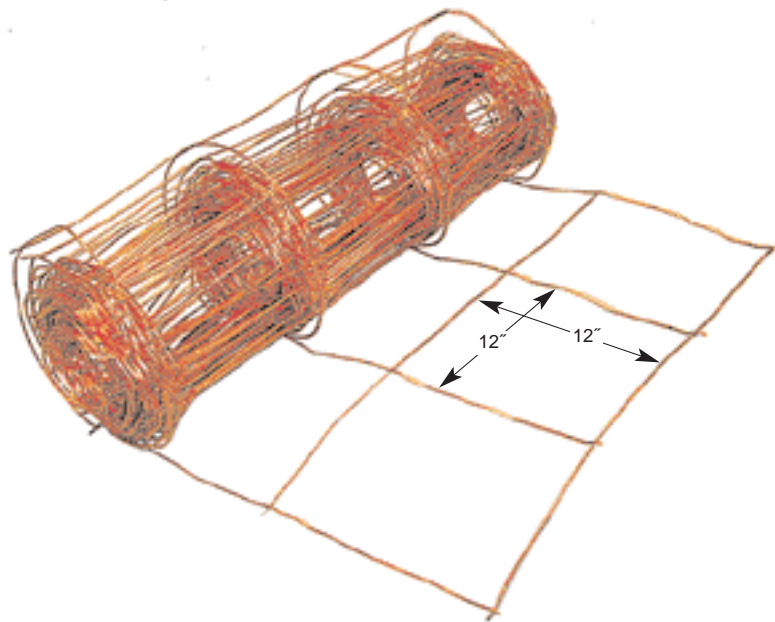
Kits include hardware listed below

Each kit is individually boxed



**2008 NEC Article 680.26(B)(1)(b) and 680.26(B)(2) excerpts:**

- A copper conductor grid shall be provided and
- be constructed of minimum 8 AWG bare copper conductors bonded to each other at all points of crossing
  - be arranged in a 300mm (12 in) by 300mm (12 in) network of conductors in a uniformly spaced perpendicular grid pattern with a tolerance of 100mm (4 in)
  - the perimeter surface shall extend for 1 m (3 ft) horizontally beyond the inside walls of the pool and shall include unpaved surfaces as well as poured concrete and other types of paving.



W = width  
L = length  
S = distance between wires

## CBM SERIES

NAED NUMBER	CATALOG NUMBER	WIRE MAT'L	MESH DIMENSIONS			KIT CONTENTS			EST. SHIPPING	
			W (FT)	L (FT)	S (IN)	CLAMP	SPLIT BOLTS	STAKES	WEIGHT (lbs)	UNIT
27400	CBM25K	#8CU	2	50	12	1	7	16	17	EA
27405	CBM210K	#8CU	2	100	12	1	13	16	31	EA
27410	CBM35K	#8CU	3	50	12	1	9	16	22	EA
27415	CBM310K	#8CU	3	100	12	1	17	16	43	EA

### INSTALLATION

- 1 - Unroll into position. Use holding stakes to assist one-man work.
- 2 - Bond to rebar with rebar clamp provided (accepts two #8 wires), or Jones Rebar clamp #J29-DB (3/8 rebar), or #J30-DB (1/2" rebar), or #G1R-DB (3/8" - 1" rebar).
- 3 - For contours, shape the mesh wire or cut and splice
- 4 - Bond mesh sections together with direct burial split bolts supplied or Greaves #A2-DB or #A5-DB.