

Pipe Protection Products

BARE COPPER WIRE

Soft Drawn Annealed, Solid & Stranded

Application

Soft drawn bare copper is primarily used for grounding in commercial, industrial, residential and utility applications. Used for passive tracer wire. Used in overhead transmission and distribution systems. Used for grounding grid systems.

Description

Soft drawn annealed bare copper conductor, solid or stranded. Solid and stranded bare copper conductors are available (soft annealed copper) and sizes 14 AWG to 4/0). Electrolytic Tough Pitch (ETP) copper feed stock is used to draw solid conductors (and B3). Solid and stranded conductors (per ASTM B8 or ASTM B787 are available in stock or customer specified packaging. The highest conductivity per unit area of all commonly used metals to conduct electricity. Flexible, easily shaped and formed into place, easily welded and soldered.

Specifications

As per ASTM and B8, Meets specifications, under the National Electrical Code Table 310-16.

ASTM B3 – Soft or Annealed Copper Wire

ASTM B8 – Concentric-Lay-Stranded Copper Conductors

AST, B787 Combination Unilay Strand Conductors

BARE / COPPER WIRE			
Size AWG or MCM	Number Of Strands	Diameter	
		Each(in)	OD(in)
14	solid	0.64	.190
12	solid	0.81	.205
10	solid	.102	.225
8	solid	.1285	.1285
6	solid	.1620	.1670
4	solid	.2043	.2043
2	solid	.0795	.258
8	7	.0486	.146
6	7	.0612	.184
4	7	.0772	.232
2	7	.0974	.292
1	19	.664	.332
1/0	19	.0745	.373
2/0	19	.0837	.419
3/0	19	.0940	.470
4/0	19	.1055	.813

800 WRAP-A-PIPE

P.O. BOX 2064 Huntington Beach, CA 92647

(714) 897-0700 Fax (714) 897-0600