



Copper Ground Wire
Cut Here

Missing Copper
Ground Wire

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Cut Here

REMOVE THE
COPPER LOOK.

hide™

JACKETED COPPERWELD® WIRE AND STRAND

“FUTURE PROTECT” YOUR GRID WITH COPPERWELD® HIDE™

STRONGER | LASTS LONGER | RELIABLE

Copper Theft Solutions Guide:

PROBLEMS:

- 95% of electric utilities have copper theft costing over 60 million dollars in a year.
- Utilities experience 450,000 minutes of outage time a year.
- These issues result in an estimated 52 injuries and 35 deaths a year.
- Copper price increases are not predictable.

SOLUTION:

Replace solid copper with **Copperweld® Hide™**, Copper Clad Steel (CCS) ground wire.

COPPERWELD® HIDE™ COPPER CLAD STEEL (CCS)

Copperweld® Hide™ is coated with a lead free, flame retardant poly jacket providing excellent ultraviolet resistance and long life.



- Easy-strip coating makes installation fast and simple
- Clean copper surface requires no wire brushing
- Installs as easy as copper- dead soft annealed

Outer poly jacket

Copperweld® CCS
grounding wire

Mechanical & Physical Properties 40% Conductivity

End Count	Individual Conductor AWG	Diameter (inches)		Length Per 25 lbs (ft)	Minimum breaking load @ 40 ksi (lbs)	Weight (lbs. /1000 ft)	Cross Section (circular mils)
		Bare Conductor	with Hide™				
1	2	0.2576	0.2876	134	2,085	192	66,365
1	4	0.2043	0.2343	214	1,311	124	41,739
1	6	0.1620	0.1920	340	825	78	26,251
7	10	0.3060	0.3360	121	2,055	213	72,684
19	9	0.5720	0.6020	35	7,034	722	248,767
19	8	0.6420	0.6720	28	8,869	905	313,685
7	2 Dia. Equivalent	0.2576	0.2876	134	1,614	153	51,371
7	4 Dia. Equivalent	0.2043	0.2343	214	1,020	98	32,463

Note: The HIDE™ dimensions are nominal.

STANDARD PACKAGING

Spools: 25 lb.

Coils: 50 lb. & 100 lb.

Custom lengths and packaging are available.



APPROVALS AND CERTIFICATIONS

