

COPPERWELD® CABLE: THE SMARTER CHOICE FOR GROUNDING & BONDING

Copperweld® Cable is a bimetallic conductor featuring a steel core with a copper coating. Engineered for strength, durability, and cost-effectiveness, it provides the performance of copper with added mechanical benefits.

COPPERWELD® CABLE FEATURES

- **Durability & Longevity:** Corrosion-resistant and built to last for decades, even in harsh environments.
- **Cost-Effective:** Delivers copper-like performance at a lower cost by reducing the amount of pure copper required.
- **Theft Deterrent:** The steel core makes it less attractive to thieves, reducing the risk of stolen materials.
- **Superior Strength:** Stronger and lighter than pure copper, making installation easier and safer.

KEY APPLICATIONS

- **Utility & Power Grids:** Used for overhead ground wire, grounding rods, and electrical infrastructure.
- **Telecommunications:** Ideal for grounding and bonding due to high conductivity and corrosion resistance.
- **Construction:** Essential for building grounding systems and trenching applications.
- **Renewable Energy:** Used in trench grounding for solar and wind farms.
- **Lightning Protection & Substations:** Critical for grounding transmission towers and substation grids.

TEXCAN
Your Canadian Distributor
for Copperweld

Copper
Where
It Counts™



COPPERWELD

PRODUCT OPTIONS



CENTURY

Century is Copperweld's flagship family of grounding conductors and structural cables that have been installed in the harshest environments for over 100 years.

- 2x+ the strength of copper.
- Used in applications where high tensile strength, corrosion resistance and theft deterrence are required.



ArcAngel™

- Grounding conductors capable of carrying more fault current than copper
- Features a maximum strand diameter of No.10 CCS, providing flexibility and bends similar to copper.
- High strand counts add flexibility making the making the conductor easier to handle.
- Available tinned.

ADDITIONAL PRODUCT DETAILS

- Approved by **BC Hydro** and transitioning at **Fortis Alberta** for increased flexibility.
- Outperforms competitors in strength, conductivity, and reliability.
- Available in multiple lengths (300m, 450m, or custom orders).

Contact a wire and cable specialist today to learn more!

1.800.665.1025 or texcan.sales@texcan.ca

We carry one of the largest inventories of industrial, commercial and residential wires and cables in Canada.

For info about our products and services:

www.texcan.com

When others can't, TEXCAN

WIRE & CABLE SPECIALISTS SINCE 1978

BARE COPPER TO COPPERWELD® CENTURY

500 Kcmil Bare CU	TEXCAN PART NO.	 Century 19 No. 5 ASTM40 COPPER 19 Strands, Annealed	30 Cycles Bare CU	O.D. Bare CU	Breaking Load Bare CU LBS	30 Cycles Copperweld	O.D. Copperweld	Breaking Load Copperweld LBS
		06-Q6C19X5A		97kA	0.813"	15,240	104kA	0.910"
350 Kcmil Bare CU	TEXCAN PART NO.	 Century 19 No. 7 ASTM40 Copper 19 Strands, Annealed	30 Cycles Bare CU	O.D. Bare CU	Breaking Load Bare CU LBS	30 Cycles Copperweld	O.D. Copperweld	Breaking Load Copperweld LBS
		Q6C 19X7A	68kA	0.680"	10,680	66kA	0.72"	15,381
4/0 Bare CU	TEXCAN PART NO.	 Century 19 No. 9 Grade 40 DSA Copper 19 Strands, Annealed	30 Cycles Bare CU	O.D. Bare CU	Breaking Load Bare CU LBS	30 Cycles Copperweld	O.D. Copperweld	Breaking Load Copperweld LBS
		06-Q6C19X9A	41kA	0.530"	5,983	41kA	0.570"	9,667
2/0 Bare CU	TEXCAN PART NO.	 Century 7 No. 6 Grade 40 DSA Copper 7 Strands, Annealed	30 Cycles Bare CU	O.D. Bare CU	Breaking Load Bare CU LBS	30 Cycles Copperweld	O.D. Copperweld	Breaking Load Copperweld LBS
		06-Q6C7X06A	26kA	0.420"	3,763	31kA	0.49"	7,144
1/0 Bare CU	TEXCAN PART NO.	 Century 7 No. 8 Grade 40 DSA Copper 7 Strands, Annealed	30 Cycles Bare CU	O.D. Bare CU	Breaking Load Bare CU LBS	30 Cycles Copperweld	O.D. Copperweld	Breaking Load Copperweld LBS
		Q6C 7X08A	20kA	0.360"	3,221	19kA	0.38"	4,494
2 Bare CU	TEXCAN PART NO.	 Century 7 No. 10 Grade 40 DSA Copper 7 Strands, Annealed	30 Cycles Bare CU	O.D. Bare CU	Breaking Load Bare CU LBS	30 Cycles Copperweld	O.D. Copperweld	Breaking Load Copperweld LBS
		06-Q6C7X10A	13kA	0.26"	1,928	12kA	0.31"	2,826
4 Bare CU	TEXCAN PART NO.	 Century 7 x 0860 Grade 40 DSA Copper 7 Strands, Annealed	30 Cycles Bare CU	O.D. Bare CU	Breaking Load Bare CU LBS	30 Cycles Copperweld	O.D. Copperweld	Breaking Load Copperweld LBS
		06-Q6C7X0860A	8kA	0.204"	1,200	9kA	0.204"	2,013
6 Bare CU	TEXCAN PART NO.	 Century 7 x 068 Grade 40 DSA Copper 7 Strands, Annealed	30 Cycles Bare CU	O.D. Bare CU	Breaking Load Bare CU LBS	30 Cycles Copperweld	O.D. Copperweld	Breaking Load Copperweld LBS
		06-Q6C7X0680A	5kA	0.184"	763	5kA	0.204"	1,258

AVAILABLE FINISHES

Bare Finish



Copperweld® standard copper covered steel wire

Camo Finish



Visual deterrence against copper thieves

Hide Jacket



Visual deterrence against copper thieves

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Building Wire

- AC90 Armoured Cables
- Fire Alarm Cables
- ACWU Armoured Cables
- NMD90/NMWU90 Cables
- Solid/Stranded Bare Copper
- SIMpull Solutions®
- RW90/RWU 90 CU / AL
- T90 CU/TW75/TWH/TWU
- LVT
- Grounding Cables
- Pump Cables
- Copperweld Cables

Control Cables

- Multi-conductor
 - Armoured/Unarmoured
- Portable Control Cables
- Shielded Control Cables
- Custom Bundling/Armouring

Communication

- Computer Cables
- Inside/Outside Plant Wires
- Telephone Cables
- Plenum Cables
- Direct Burial

Data Cables

- Category 5E, 6, 6A, 7 Rated Cables
- Co-Axial/Twin-Axial Cables
- Ethernet Cables
- Network Cables
- Patch Cords (Copper/Fiber Optic)
- Armoured Data Cables

Electronic Cables

- Armoured Cables
- Audio/Visual Cables
- Broadcast Cables
- Coaxial/Twin-Axial Cables
- Low Capacitance Wires
- Plenum Wires
- Precision Video Wires
- Industrial Automation Cables
- Belden® Classics & NewGen

Fiber Optic Cables

- SM/MM
- Loose Tube, Tight Buffer
- Indoor/Outdoor/Riser/ADSS
- Armoured/Non-Armoured
- Hybrid Fiber
- Specialty XPRLTM/RLTM

Instrumentation

- Armoured/Unarmoured
 - Aluminum/Interlocked Steel
- Multiconductor/Pairs/Triads
- Shielded/Unshielded
- Thermocouple Wires

Marine Cables

- Boat Cables
- Shipboard Cables
- Offshore Rig/Marine Cables

Mining Cables

- Blasting Wires
- Mine Power Feeder Cables
- Portable Power Cables
 - Type W, G, GGC, SHDGC (2KV to 35 KV)
- Trailing Cables
- Cable Assemblies
- Vertical Riser Cables
- Reeling Cables
- DLO (Diesel Locomotive Cables)

Portable Cords

- High Temperature Cables
- Ultraflex™ Low Temperature Cords
- Ultraflex™ Extension Cords
- Retractable Cords
- Type: SJOOW, SOOW, SJTOW, STOW
- Welding Cables
- Stage Lighting
- Landscape Lighting
- Multiconductor
- Jumper Cables

Power Cables

- ACSR/AAC Linewire
- High Voltage Power Cables (69-300kv)
- TECK 90 HL Cables (600V-35KV)
- Overhead Service (NS75 / NS90)
 - Duplex, Triplex, Quadruplex
- Underground Service
 - USE1, USEB
- Variable Frequency Drive (VFD) Cables

- Tray Cables (5KV-35KV)
 - Power Cables (NFPA. 130)
- Underground Distribution
- Utility Hydro Cables
- Airguard™

Specialty Products & Cords

- 2HR Fire Rated VITALink® Fire Resistive
- Traffic Signal Cables CLMTO/IMSA
- Coil Lead Wires
- European Cables (CE & VDE approved)
- Extra Flexible Portable Cables
- Heat Trace cables & accessories
- Low Smoke Zero Halogen Cables
- Parallel Conductor Cords
- SIS Switchboard Wires
- Small Diameter Flexible Control (SDN)
- Automotive Cables
- Battery Cables
- Guy Wire & Strand
- Mil Spec Hookup Wires
- Pendant Cables/Festoon
- Teflon® Insulated Wires
- TEW Equipment Wires
- Tracer Wires
- Trailer Cables
- TR64

Transportation

- Catenary Cable
- Messenger Cable
- Signal Cables
- Track Wire
- Traction Power Cable

Additional Services & Accessories

Tools & Equipment

- Material Handling & Storage
- Cable Pulling & Fishing

Power Management

- Extension Cords
- Temporary Power Distribution

Lighting

- Area Lights
- String Lights
- Temporary Overhead Lighting

Connectors

- Armoured Cable Connectors
- Explosion-proof Connectors
- Strain Reliefs Metal & Nylon
- Tray Cable Connectors

Accessories

- Hardware, Lugs, Cable Ties
- 3M Accessories
 - Cold Shrink Splices and Terminations
 - Heat Shrink Splices and Terminations
 - Full Line of Accessories Available
- High Voltage Termination Kit
- Split Loom

Value Added Services

- Custom-Built Cables
- Cable Management Program
- Specialized Technical Assistance
- 24/7 Emergency Shipping Service
- International Export Services
- Custom Cables/Printing/Cutting
- Paralleling/Lagging/Tagging
- Bundling/Armouring
- Bar Coding and Inventory Tracking
- State-of-the-Art Distribution Centre

Visit our website at Texcan.com and social media @[TexcanCanada](https://www.instagram.com/TexcanCanada)

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