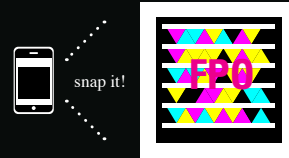


THE POWER OF CHOICE

STABILOY® aluminum alloy products give you the power to make the right choices with confidence!

Contractors are confronted every day with tough decisions that can make – or break – their business. STABILOY® aluminum alloy feeder cables give contractors the edge with:

- Reduced installation costs
- Less stress on manpower
- Better material price stability
- Lower material costs
- Comparable product reliability



Snap this tag with your smart phone for more information or go to www.cable.alcan.com/powerofchoice.

Download the free Microsoft tag reader at gettag.mobi.

STABILOY feeder cable – giving you the power of choice.



Quality + Performance = Confidence. It All Adds Up!

Easy, Cost-Effective, Sustainable.



Quality

It's a fact. Alcan Cable tests every foot of every aluminum alloy feeder cable that it manufactures. Because STABLOY aluminum alloy feeder cable is 100% tested for quality – its reliability, durability and safety are all guaranteed!

Each STABLOY single conductor and STABLOY FeederFlex assembly is wet test-tank verified for quality.

100% Tested

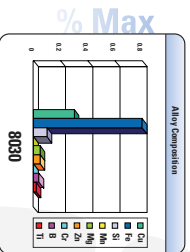


Performance



High-quality STABLOY aluminum alloy features a unique composition of metals that is specially engineered for superior performance in building feeder applications.

STABLOY Aluminum Alloy: Engineered for Superior Performance



- **Iron (Fe)** gives STABLOY alloy increased tensile strength while virtually eliminating creep
- **Copper (Cu)** gives STABLOY alloy superior resistance stability at high temperatures which improves the connection reliability
- **Magnesium (Mg)** allows STABLOY connections to create a greater number of contact points, ensuring reliable connections

Superior Performance Validated by Independent Research: the Georgia Power Research Laboratory*

The results of a Georgia Power study show that connectors installed on AA-8030 aluminum alloy performed **as well as or better than** connectors installed on copper conductors of equivalent ampacity in the current cycle submersion test.

"Overall the maximum temperature values, resistance stability values and temperature stability values were very close."

*Georgia Power Research Laboratory, Project C94925, Aug 1995

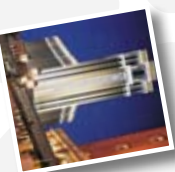
Confidence



You can rest assured. If aluminum is the utility companies' preferred choice for carrying power, all the way from the generator on the grid, it's the right choice for the last 100 feet of power delivery – feeder cable.

STABLOY Aluminum Alloy: The Confident Choice

- Twice the ampacity of copper per pound
- Safer termination
- Better insulation
- Specially engineered for superior performance
- Lighter, more flexible, easier to install
- More cost-effective than copper



Venetian Hotel
Las Vegas, NV

For Long-term Performance, Trust STABLOY

"As an experienced electrician for over 30 years, I was trained using EMT or rigid conduit and never considered any other method. I have discovered that sometimes change is a good thing. I was recently introduced to STABLOY MC Cable and decided to give it a try. I now consider STABLOY MC Cable as my first option. I have literally saved thousands of dollars on labor and material using STABLOY MC Cable. Installation is so much easier that I now use apprentice-level electricians for most of my Feeder and Sub-feed installations. I am proof that if a company wants to make a larger profit on any project, you must consider STABLOY MC Cable first."

**Tom Metrovans -
Electrical Contractor Over 30 years
experience in the electrical industry**

Easy-Of-Use

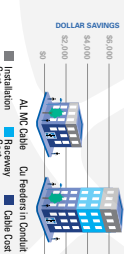


STABLOY aluminum alloy feeder cable is much easier to install. Maintenance for STABLOY and copper is equal. This makes it more time-efficient and more cost-effective as well. For conductors of equal ampacity, STABLOY is:

- **Lightweight** – Weighs 50% less than copper per pound
- **Flexible** – 25% more flexible than copper
- **Less Springback** – 40% less springback than copper
- **Compact Stranded** – STABLOY is a similar conduit fill as copper for amps delivered
- **No Additional Maintenance** – Not necessary to periodically retighten connections.

Proven To Save Up To 50% In Total Installed Costs

Comparison of Total Feeder Installation Costs



*Based on 100 ft. run of 750 kcmil AL MC Cable w/3/0 AL ground vs. 500 kcmil Cu w/3" EMT w/#3 Cu ground

STABLOY MC Cable is a UL Listed, metal clad assembly of phase-identified XHHW-2 conductors and a bare equipment grounding conductor.

Compared to an equivalent copper cable in a 4" EMT installation, STABLOY MC Cable yields a 50% savings.

STABLOY MC Cable is an all-in-one assembly offering fewer installation steps. STABLOY MC Cable only requires one reel of cable per run versus up to five reels for conductors in conduit. The strong, lightweight aluminum alloy cable can bend around corners and is not limited by the 360" rule, thus eliminating the need for pull boxes.

Value



At twice the ampacity per pound, not only is aluminum more cost-effective than copper, but the price of aluminum is much more stable than the price of copper. As every professional project manager knows – stable pricing means less risk.

Alcan Design Software –

This proven analytical software is available from Alcan Cable to help you easily quantify the value of aluminum alloy feeder cable on every job.



A building can be wired with STABLOY feeder cables for about half the cost of installing copper feeders



Remove the risk of copper by using the stable choice – STABLOY aluminum alloy

Quoting Copper Can Be Risky

You never know when the copper price you quote will be lower than the price of copper when you land the job. This eats into profits. Aluminum prices are much more stable than copper prices. As a result, STABLOY aluminum alloy feeder cable offers you greater base metal price stability, which means less risk on every bid that you quote.

Sustainability



Aluminum alloy is readily available and infinitely recyclable. In addition, STABLOY aluminum alloy conductors are manufactured in an environmentally responsible manner.



STABLOY Aluminum Alloy Conductor Metal is 100% Recyclable



STABLOY Aluminum Alloy is Environmentally Responsible

- Alcan Cable's operations feature reduced waste, emissions and discharges
- STABLOY contains no heavy metals* and is RoHS compliant
- Alcan Cable's XHHW-2 insulation provides a longer life than THHN/THWN-2 insulation, thereby extending the total life of the installation and reducing waste
- Alcan Cable's cable jackets are free of lead and cadmium stabilizers*
- STABLOY aluminum alloy is 100% recyclable

*Denotes compliance to RoHS Directive 2002/95/EC



For more information on Alcan Cable, call 800-347-0571 or go to www.cable.alcan.com.

© 2011 Alcan Cable. STABLOY is a registered trademark of Alcan Cable, a division of Alcan Products Corporation. All rights reserved. BW-0504-4/2011

www.cable.alcan.com

