



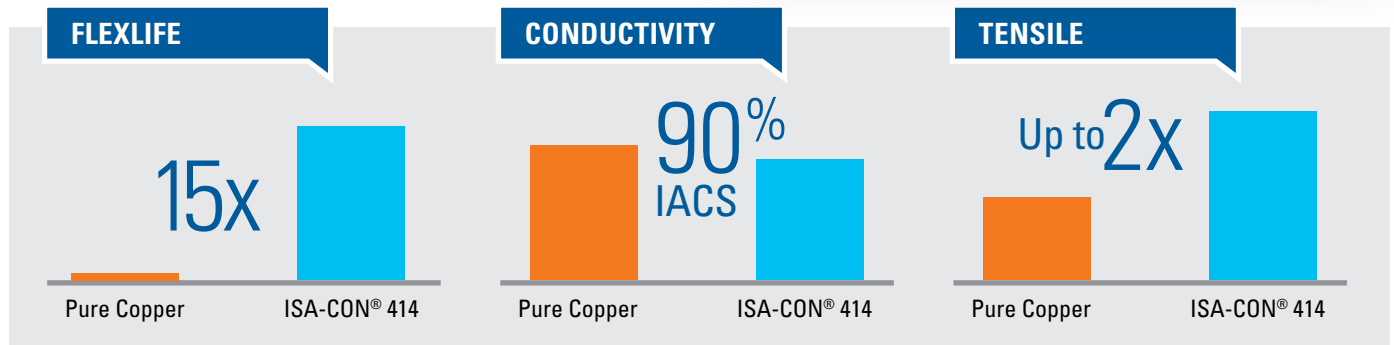
Combines the conductivity of copper—with the strength of steel

ISA-CON® 414

Improved mechanical properties for copper-based applications

FEATURES

- **Excellent signal and current transmission**
Thermal and electrical conductivity similar to copper ($\pm 90\%$)
- **Saves weight and space**
Highly improved mechanical strength up to 414 MPa to help you shrink footprints
- **Superior durability**
High flexlife cycles for long-lasting operation
- **REACH & RoHS compliant**
Excellent alternative to CuCd alloys



Isabellenhütte is known for outstanding expertise in metallurgy—especially copper and nickel alloys—and we are innovating once again: For applications where high tensile strength and flexibility meet electrical conductivity needs, past solutions often required trade-offs. No more. ISA-CON® 414 is the REACH- and RoHS-compliant material that now delivers both. Compared to pure copper, this new alloy offers increased flexlife and tensile strength combined with comparable electrical conductivity. ISA-CON® 414 is a true game changer for many applications in Aerospace, Automotive, Robotics as well as for miniaturization in medical devices. Available now from the US-based team that invites you to always **“Expect more.”**

Contact us to see how we might improve your application!

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