



ISABELLENHÜTTE

Innovation by Tradition



ISA-CON® 414

New high strength & high conductivity copper alloy

Improved mechanical power for copper-based applications

Your ideal alloy for

- Miniaturization
- Medical application
- Robotics
- Aerospace



Signal and current transmission

Thermal and electrical conductivity like copper, strong as steel

Multiple downsizing options

Saves weight and space through highly improved mechanical strength up to 414 MPa

Lasting longer in service

By high flexlife cycles

REACH & RoHS compliant

Replacing CuCd alloys

Isabellenhütte is widely known for its outstanding expertise in metallurgy, all around copper and nickel alloys. Where high tensile strength and high demands in flexibility meet electrical conductivity, customers were facing difficulties to solve in the past. **ISA-CON® 414** is the REACH & RoHS compliant alternative to close this gap. Compared to pure copper, increased flexlife and tensile strength combined with a nearly 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.

Contact us to speak about your application and to learn more!

CONTACT US

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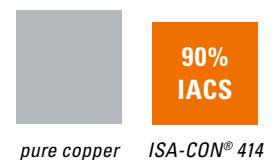
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Flexlife



Conductivity



Tensile

