



## MIG HCUBE

Old reference: MIG CuBe2

### Classification

EN 14700 : S Z Cu1

AFNOR : CuBe2

### Description & Applications

Solid wire for MIG welding and hardfacing of copper and copper beryllium. Excellent mechanical and electrical properties. Non magnetic weld deposit.

**Main applications:** Inserts for mold of injection, explosion-proof equipment, pebbles of overhead crane.

### Typical Chemical Composition ( % )

|      | Be    | Ni    | Co    | Fe    | Cu   |
|------|-------|-------|-------|-------|------|
| Min  | 1.800 |       |       |       |      |
| Max  | 2.100 | 0.300 | 0.300 | 0.200 | Rem. |
| Type | 2.0   | 0.02  | 0.25  | 0.02  | Rem. |

### All Weld Metal Mechanical Properties

Hardness (as welded)

### Welding Current & Instructions

|             | Ø (mm)                   | Welding parameters |             | Shielding gas  |
|-------------|--------------------------|--------------------|-------------|--|
|             |                          | Current (A)        | Voltage (V) |  |
| GMAW<br>= + | 0.8<br>1.0<br>1.2<br>1.6 | -                  | -           | ISO 14175:<br>M21 (Ar/CO <sub>2</sub> )<br>12-15 l/min |

FT En-MR01-200408

**Liability:** This document is intended to assist the user in choosing the product. It is up to the user to verify that the chosen product is suitable for applications for which it is intended. The company FSH Welding Group reserves the right to alter specifications without prior notice of its products. The descriptions, illustrations and specifications are for reference only and cannot be held liable for FSH Welding Group. **Fumes:** Consult information on MSDS, available upon request.

[www.fsh-welding.com](http://www.fsh-welding.com) - [info@fsh-welding.fr](mailto:info@fsh-welding.fr)