

## PRODUCT INFORMATION

### Single-Insulated Rubber Welding Cable

Cenelec BS EN 60228  
CEI 20-19/6  
RoHS compliant

HO1N2-D  
Class 6  
HD 22

#### SUMMARY

An extra-flexible annealed copper conductor cable, with a single layer of black neoprene rubber insulation, specifically designed for use with arc welding equipment.

#### TARGET APPLICATIONS

European Normative EN60974-1 (2010) for Welding Equipment stipulates that welding cable should be rubber-insulated. In order to fully comply with this standard, Weldability Sif advise the use of this harmonised HO1N2-D rubber single-insulated cable, which is also compliant with IEC60245-6.



#### FURTHER INFORMATION

Rubber insulation performs better when subjected to high levels of heat as, unlike PVC, it does not degrade to a fluid when melted, therefore providing a greater level of safety and reliability, by reducing the likelihood of exposing the live conductor.

The below table indicates the specifications required in compliance with EN 60228, for each cross-section size.

#### ARTICLES & ACCESSORIES

| Part Number | Product Description         |
|-------------|-----------------------------|
| EZR25RI     | 25MM² HO1N2-D WELDING CABLE |
| EZR35RI     | 35MM² HO1N2-D WELDING CABLE |
| EZR50RI     | 50MM² HO1N2-D WELDING CABLE |
| EZR70RI     | 70MM² HO1N2-D WELDING CABLE |
| EZR95RI     | 95MM² HO1N2-D WELDING CABLE |

Each cable can also be purchased cut to desired length.

\* In accordance with EN 60228 : 2005. This standard stipulates required cable performance, and enables testing of cable copper content.

#### TECHNICAL SPECIFICATION

| section mm² | insulator thickness | max resist @ 20°C* | cable weight KG/KM |
|-------------|---------------------|--------------------|--------------------|
| 25          | 2.0mm               | 0.780 ohm/km       | 305                |
| 35          | 2.0mm               | 0.554 ohm/km       | 410                |
| 50          | 2.2mm               | 0.386 ohm/km       | 550                |
| 70          | 2.4mm               | 0.272 ohm/km       | 780                |
| 95          | 2.6mm               | 0.206 ohm/km       | 1020               |

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email **service@weldability-sif.com**

Doc Ref : WELDABILITY/PSI/EZR25RI



Registered in England No. 1684362  
Registered Office: as above