



# PRODUCT DATA SHEET

# WCD7018

## SELF SHIELDED FLUX CORED MIG WIRE

### FABSHIELD 23



- ▶ Self Shielded or "Gasless" Flux Cored Joining Wires
- ▶ All Positional Welding Capabilities
- ▶ Suitable for Single-Pass Applications
- ▶ Suitable for Mild / Galvanized Steels

#### Classifications

AS 2203.1      ETPS-GNn-W500A.CMT (Superseded)  
 AS/NZS ISO    BT 49 Z T14 1 SN A\*  
 AWS A5.20     E71T-GS

\* New classification replaces AS/NZS 2203.1

#### Description & Applications

Fabshield 23 is a general-purpose self-shielded tubular wire that is designed for welding thin gauge mild or galvanized steel. Suitable for single-pass applications, especially for fillet lap welds, you will get outstanding welding performance as Fabshield 23 produces a smooth spray arc type of transfer with goods wetting action.

Great for welding outdoors in draughty conditions, this all-positional wire also provides very low splatter levels, resulting in a weld bead that is excellent in appearance. Perfect for on site applications such as welding mild steel / galvanized gates, fences, frames, sheds, prefab building fabrications, ornamental ironwork, general fabrication, etc.

#### Operational Data

Welding parameters shown below are for DC Electrode negative only.

WIRE SIZE (mm)	WELDING CURRENT RANGE (amps)	ARC VOLTAGE RANGE (volts)*	TYPICAL STICKOUT (mm)
0.8	25 - 125	14 - 16	12
0.9	55 - 120	17 - 20	12

Welding Current DC -

\* Voltage is determined by arc current and wire arc length. Welding currents and voltage shown are operational guides only.

#### Typical All Weld Metal Chemical Analysis

C	Mn	Si	S	P	Al
0.18	0.65	0.40	0.01	0.01	1.30

#### Typical All Weld Metal Mechanical Properties

Tensile Strength (Transverse)	572 Mpa
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Note: Yield stress and impact values not applicable

#### Packaging Data

WIRE SIZE (mm)	PACK SIZE (kg)	PART NUMBER
0.8	0.9	HO21B08BP
0.8	4.5	S222306-022
0.9	0.9	HO21B09BP
0.9	4.5	S222308-022
0.9	15	S222308-029

#### Storage Information

Products should be stored in dry conditions in original sealed undamaged packaging as supplied. The integrity of consumable products can be adversely affected by time and storage conditions and that the detail shown in the batch certificate is true at the time of packaging and is only valid for a LIMITED time. After that time the product may need to be reconditioned or checked to ensure it is suitable for the purpose it is intended to be used for.\*

Wire should be stored in the plastic bag provided when not in use for extended periods. Recommended conditions of storage are minimum temperature of 15°C and a humidity of 60% RH.

\*NOTE: Refer to Welding Technology Institute of Australia (WTIA), technical 3. care and conditioning of arc welding consumables.

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