



HOBART M12K



- ▶ Copper Coated SAW Wire
- ▶ For General Purpose Applications

Classifications

AS 1858.1 EM12K
AWS 5.17 EM12K

Description & Applications

Hobart M12K is a copper coated solid steel wire, suitable for a wide range of general purpose and structural submerged arc welding applications.

Hobart M12K is a silicon killed wire suitable for use with Hobart H800 flux. When used with the Hobart H800 flux it produces weld deposits with improved tolerance to rust and mill scale.

For details of the Typical All Weld Metal Mechanical Properties achieved with the wire/flux combinations refer to Hobart H800 Product Data Sheet.

Operational Data

WIRE SIZE (mm)	WELDING CURRENT RANGE (amps)
2.0	200 - 480
2.4	250 - 550
3.2	330 - 600
3.2	330 - 600
4.0	410 - 750
4.0	410 - 750

These current ranges are given as a guide only. They may be exceeded in specific applications when used with a suitable flux.

Typical All Weld Metal Chemical Analysis

C	Mn	Si	P	S	Cu
0.1	1.02	0.25	0.007	0.008	0.10

Packaging Data

PACK SIZE	PART NUMBER
30kg	H6-M12K0032-304

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.*

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