

Severe Abrasion resistant

GH950C

Product Features:

- High welding performance, less spatter loss and low dilution ratio.
- Large quantity of chromium carbide contained in weld metal.
- Wear resistance at elevated high temperature $\leq 600^{\circ}\text{C}$.
- Good for severe metal to sand abrasion condition.
- Good for impact wear and corrosion resistance.

Applications:

- Suitable for surface repair welding of blast spray nozzle and agitator blade.

Typical chemical composition of all-weld metal (wt%)

C	Si	Mn	Cr	Others
5.40	1.08	1.06	33.5	≤ 2.0

Typical hardness of weld metal

As welded HRC	layers
64	2

Size (mm) & recommended welding parameters (A)

Diameter / Length	3.2/350	4.0/400	4.8/400	5.0/400
Flat position	100~150	150~200	170~230	180~240

Note:

- $200\sim 250^{\circ}\text{C}$ x 1 hr baking prior to use.
- Max. 2 layers.
- Typical stress crack occurred to prevent peeling damage between base and weld metal.

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