



HILCO FLUXCORED AISi5

Gas welding rods – aluminium

AWS A5.10: ~ER 4043

Werkstoffnr. 3.2245

Wire type:

OAW Cored wire

Shielding gas:

Oxy-acetylene

Welding positions:

Fluxcored AISi5 is our flux cored aluminium wire rod for oxy-acetylene gas welding, repairing and surfacing forged and cast aluminium-silicon alloys and joining dissimilar aluminium alloys with maximum 7% Si content. The internal flux core makes the need of additional fluxes unnecessary.

Base materials to be welded:

- Aluminium-MgSi alloys
- Aluminium-Mg alloys up to 2,5% Mg
- Aluminium-MnCu alloys
- Aluminium-Si cast alloys
- Joining dissimilar aluminium alloys

Applications:

- General fabrication & construction
- Shipbuilding & Offshore
- Repair & Maintenance

Chemical composition, wt.% weld metal – typical:

Mn	Si	Mg	Fe	Cu	Zn	Ti	Al
0,01	4,5	0,01	0,24	0,01	0,02	0,02	Bal.

Mechanical properties, weld metal – typical:

Condition	0,2% Yield strength MPa	Tensile strength MPa	Elongation %	Melting range °C
As welded	60	120	20	573 – 632

Packaging data:

Dia. mm.	Weight / package kg.
3,0	1