

# PRODUCT DATA SHEET

## MIG 410NiMo/TIG 410NiMo

MIG/TIG 410NiMo is a solid wire depositing a soft martensitic stainless steel weld metal. It offers good resistance to fire cracking and corrosion frequently encountered in steel mill rolls. It produces sound, porosity-free, crack-free weld deposits.

### Applications

MIG/TIG 410NiMo can be used on hydraulic turbines, valve bodies, pump bowls, compressor cones, impellers, high pressure pipes, power generation, offshore oil, chemical and petrochemical plants.

### Classifications

DIN	8555	MSG5-GZ-300-CG
-----	------	----------------

### Typical Chemical Analysis (All weld metal)

% Carbon	0,05 max	% Chromium	11,0 - 12,5
% Manganese	0,4 - 1,0	% Nickel	4,0 - 5,0
% Silicon	0,6 max	% Molybdenum	0,4 - 0,7

### Typical Hardness

HRC	25 - 30
-----	---------

### Packing Data

#### MIG

Diameter (mm)	Spool Mass (kg)	Spool Type	Item Number
1,2	15,0	Wire Basket	W077378
1,6	15,0	Wire Basket	W077379

### Packing Data

#### TIG

Diameter (mm)	Tube Mass (kg)	Item Number
1,6	5,0	W077396
2,4	5,0	W077397

Recommended shielding gas: Argoshield®, Stainshield® (MIG), Argon (TIG)

The information contained or otherwise referenced herein is presented only as typical without guarantee or warranty, and Afrox expressly disclaims any liability incurred from any reliance therein. No data is to be construed as recommended for any welding condition or technique not controlled by Afrox.

For more information contact the Afrox Customer Service Centre Tel: 0860 02 02 02  
E-mail: [customer.service@afrox.linde.com](mailto:customer.service@afrox.linde.com) Website: [www.afrox.com](http://www.afrox.com)

