



# MIGINOX 430

GMAW STAINLESS STEEL

AWS A/SFA 5.9 ER430

### CLASSIFICATION:

EN ISO 14343-A  
G 17

IS 5856  
ES 17

### KEY FEATURES:

- Typical 16Cr stainless steel wire
- High corrosion resistance
- Smooth operating characteristics
- Proper preheat and PWHT require to achieve desired mechanical properties
- Radiographic quality welds

### APPROVALS: CE

### TYPICAL APPLICATIONS:

- Welding of ferritic martensitic chrome steels and steel castings of similar composition
- Joining and cladding of 17Cr alloy
- Welding and cladding of automotive exhaust system components
- For general corrosion and heat resisting applications



### TYPICAL CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

C	Mn	Si	Cr
0.05	0.5	0.4	16.3

### MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	EL%
Typical	PWHT: 770°C for 2 hrs	550	23

### PARAMETERS - PACKING DATA:

Ø, mm	Kg/Spool		
1.2	12.5	 <b>DCEP</b> <b>STORAGE / HANDLING :</b> Keep dry and follow handling instructions mentioned on the box	All Positions 
1.6	12.5		

Shielding Gas	Gas Flow Rate, LPM
98Ar/2O <sub>2</sub> or Ar/1-5CO <sub>2</sub>	15-25