



Nexus 410

13Cr Stainless Steel solid wires for MIG welding applications

Martensitic 410 MIG wire for joining and overlaying materials of a similar composition. The 410 MIG wire has excellent weldability with low levels of spatter.

International Standards

ISO 14343 - A - :2007	AWS A5.9-93
G 13	ER 410

Typical Wire Analysis (wt%)

C	Si	Mn	S	P	Cr	Mo
0.01	0.35	0.5	0.02	0.02	12.5	0.02

Typical All-Weld Metal Mechanical Properties

Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation %
>420	~600	~26

Welding Positions

All Positions including vertical down

Materials

AISI 410

Packaging

Size mm	1.0	1.2
Metal spools 15 kilo	✓	✓

Additional Information

Certification	BS EN 10204:2004 Type 3.1
Material safety data sheet	MSDS 02
BOC Shielding Gas MIG	Stainshield Light (<4mm) Universal (2-10mm) Heavy (>9mm)
BOC Shielding Gas TIG	Pureshield Argon <5mm