



# MIG NICR80

Old reference: MIG NiCr80.20

## Classification

ISO 18274 : S-Ni 6076 (NiCr20)  
 AWS A5.14 : ERNiCr-6

Material N° : 2.4639

## Description & Applications

Solid wire for GMAW of similar alloys like BRIGHTRAY, INCONEL 600, INCOLOY DS and NIMONIC 75.

## Typical Chemical Composition ( % )

C	Si	Mn	Cr	Fe	Cu	P	S	Ni
0.1	0.2	0.5	20.0	0.5	0.1	<0.02	<0.01	Rem.

## All Weld Metal Mechanical Properties

$R_{p0.2}$ ( MPa )	$R_m$ ( MPa )	$A_5$ ( % )
	>560	>25

## Welding Current & Instructions

Welding mode	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +				

Ind.10



**Liability:** This document is intended to assist the user in choosing the product. It is up to the user to verify that the chosen product is suitable for applications for which it is intended. The company FSH Welding Group reserves the right to alter specifications without prior notice of its products. The descriptions, illustrations and specifications are for reference only and cannot be held liable for FSH Welding Group. **Fumes:** Consult information on MSDS, available upon request.