

TECHNICAL DATA SHEET



Super6 ERNiCrMo-3

AWS A5.14 : ERNiCrMo-3
EN ISO 18274 : Ni 6625-NiCr22Mo9Nb
Date- 20.05.24 Revision 1

DESCRIPTION

ERNiCrMo-3 is designed to match the composition of 625. This alloy is used for the high temperature strength and structural stability.

its used for welding alloy 625, alloy 825, Inconel 601, incoloy 800. Applications include chemical process industry, marine engineering, cladding of nickel chromium-molybdenum weld metal

WELDING POSITIONS

PA,PB,PC,PD,PE,PF,PG

CHEMICAL COMPOSITIONS

C	Mn	Si	Cr	Ni
0.10 max	0.50 max	0.50 max	20.00 23.00	60.00 min

MECHANICAL PROPERTIES

Yield Strength	≥ 415
UTS N/mm ²	≥ 760
Elongation	≥ 35%

AVAILABLE FORMATS

TUBE	
Diameter	5.0KG
1.6mm	7790
2.4mm	7805
3.2mm	

Shielding Gas	Argon
Current Type	DC-

While all reasonable efforts have been made to ensure the accuracy of this information, it may change at any time and is only intended as general guidance.