

SAW wire/flux combination, high-alloyed, austenitic stainless

Classification	IS											
EN ISO 14343-A				AWS A5.9 / SFA-5.9				EN IS	EN ISO 14174			
S Z 22 17 8 4 N L				-				S A F	S A FB 2 AC			
Characteristi	cs and t	ypical f	ields of a	pplicat	ion							
Thermanit 20/1 of non-magnetic temperatures. N Marathon 104 i on regarding thi	: CrNiMo(N lax. servic s an agglo	VIn,N)-ste e temper omerated	eels and cas rature 350°(fluoride-ba	stings. So C. asic weld	olid SAW wi ing flux wit	re of S Z 22 17 hout Cr-suppor	8 4 N L typ	be. Resi	stant to sa	ltwater an		
Base materia	ls											
1.3948 X4CrNiN 1.3964 X2CrNiN UNS S20910		,			· ·		,	957 X20	CrNiMoNbN	21-15,		
Typical analy	sis											
wt%	С	C		Ν	In	Cr		Ni			Ν	
wire	0.03			7.3		22.3			3.7			
all-weld metal	tal 0.02 0.70		0.70	7.0		21.8	18.0		3.7		0.2	
Mechanical p	ropertie	s of all	-weld me	tal - ty	pical valu	es (min. valı	les)					
Condition Yield strength			trength R _{p0.2}	.2 Tensile strength R _m Elong			Elongat	ation A ($L_0 = 5d_0$)		Impact energy ISO-V KV J		
		MPa			MPa		%			20°C	20°C	
u		450 (≥ 400)			680 (≥ 620)		37 (≥ 30)		90 (≥ 50)			
u untreated, as-												
Operating da	ta											
	Dimension mm				Current A			Voltage V				
	2.4				300 - 400				29 – 33			
Suggested heat Preheating and						re max. 100ºC.	Polarity: D	С+				
Approvals												
-												