

FILINOX 308 L

SARMA PLINA PENTRU OTELURI INOXIDABILE /
SOLID WIRE FOR STAINLESS STEEL

CLASIFICARE / STANDARDS

AWS A5.9-93: ER 308 L
EN ISO 14343-A: G 199 L

AUTORIZARI / APPROVALS

DB: 43.116.10

CARACTERISTICI PRINCIPALE

Sarma plina pentru sudarea otelurilor inoxidabile austenitice cu compozitie chimica similara, in particular a tipului AISI 304 si 304L. Continutul scazut de carbon reduce riscul aparitiei coroziunii intergranulare. Poate fi utilizata de asemenea si pentru sudarea otelurilor stabilizate cu Ti sau Nb, pentru temperaturi de lucru ce nu depasesc 400°C.

MAIN FEATURES

Solid wire for austenitic stainless steel welding in all position with similar chemical composition, in particular type AISI 304 and 304L. Low carbon reduces the possibility of intergranular corrosion. It may be used for welding stabilized steels(e.g. AISI 321-AISI 347) with working temperatures not exceeding 400°C.

DOMENII DE APLICATIE

Recipienti, inclusiv cei din industria petrochimica;
Constructia autovehiculelor, aplicatii electrice;
Industria constructoare de masini;
Fabricarea tevelor.

MAIN APPLICATIONS

Vessels, boilers fabrication (including the chemical petrochemical industry);
Metal working industry;
Car, bus production and electro-domestic appliances;
Pipes fabrication.

POZITII DE SUDARE / WELDING POSITIONS


1G PA 2F PB 2G PC 3G PF 3G PG 4G PE 5G PF 5G PG AWS EN

CURENT / CURRENT: DC+

GAZ / GAS: MIX: (98% Ar - 2% O₂) - (99% Ar - 1% O₂)

ANALIZA CHIMICA A SARMEI % / WIRE CHEMICAL ANALYSIS %

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
≤ 0.025	1.20 - 2.00	0.30 - 0.65	≤ 0.020	≤ 0.025	19.5 - 21.0	9.0 - 11.0	≤ 0.75	≤ 0.30

CARACTERISTICI MECANICE / MECHANICAL PROPERTIES

GAZ	Tratament termic/Heat treatment	Rm N/mm ²	Rp 0.2 N/mm ²	E % 5d	Kv J +20°C
MIX	Stare sudată/As welded	≥ 580	≥ 400	≥ 35	≥ 47

AMBALARE STANDARD / STANDARD PACKING

Ambalare / Packaging	Greutate / Weight	Diametru mm / Diameter mm					
		0.8	1.0	1.2			
BS 300	15 kg	W000282990	W000282991	W000282992			

Datele mentionate pot fi modificate fara o notificare prealabila. / The above data may change without prior notice.