

INERTFIL 308H

MIG-MAG Wires Stainless and Heat resistant steels

Inertfil 308H is stainless steel solid wire similar to ER 308H and suitable for welding AISI 304H austenitic stainless steel and similar steels. Excellent corrosion resistance and good mechanical properties.

Classification	
AWS	A5.9: ER 308H
EN	12072: G 19 9H

Approvals	Grades
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Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
0.06	1.90	0.50	≤ 0.030	≤ 0.020	20	10.50	-	-	-	-	5-10

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation A5 (%)	Impact Energy ISO - V (J) 20°C	Hardness
As Welded	≥ 350	≥ 550	≥ 35	≥ 47	-

Gas test: Acc. To EN 439: M13(Cargal1)

Shielding Gas: Acc. To EN 439: M13(Cargal1)

Materials

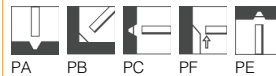
AISI 304H; 1.4948 (X6CrNi18-10); 1.4310 (X10CrNi18-8)

Storage

Keep dry and avoid condensation

Current condition and welding position

DC +



Packaging data: BS300 Kg. 15

Diameters	1,0	1,2				
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