

FLUXOFIL M 41

Cored Wires High-strength steels

Fluxofil M41 is a seamless copper coated cored wire, used for welding with both the single pass and multi-run techniques for joining high strength steels. Good impact toughness down to -60°C

Classification	
AWS	A5.29: E91T1-G
EN	12535: T 55 Z M M 1 H5

Approvals	Grades

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

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	V	N	Cu
0.08	1.80	0.60	≤ 0.015	≤ 0.015	-	0.60	0.40	-	-	-	-

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation A5 (%)	Impact Energy ISO - V (J) -60°C	Hardness
As Welded	≥ 550	640-820	≥ 18	≥ 47	-

Gas test: Acc. To EN 439: M21(Arcal 21)

Shielding Gas: Acc. To EN 439: M21(Arcal 21-Atal 6)

Materials

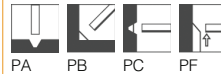
S(P)460-S(P)500, S550, HY 80

Storage

Keep dry and avoid condensation

Current condition and welding position

DC+



Packaging data: K300 kg. 16

Diameters	1,2	1,4			
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