

Filler wire for welding carbon steels and manganese carbon steels without gas. It is mainly used for thin pieces of metal (< 5 mm). This type of wire is well suited for galvanised materials. However it is not recommended when pressure is high.

Classification

AWS A5.20: E71T-GS
EN ISO 17632-A: T 42 Z W N 1 H15

Applications

- ✓ General construction,
- ✓ Metal frame,
- ✓ Shipbuilding,
- ✓ Extraction industry,
- ✓ Agriculture construction and maintenance,
- ✓ Tanks and boilers.

Benefits

- ⊕ Welding in all positions.
- ⊕ Homogenous cover.
- ⊕ Low level of projections.

Polarity

DC -

Chemical properties



C %	Mn %	Si %	S %	P %	Al %
0.17	0.90	0.38	0.008	0.014	1.40

Mechanical properties

Re	Rm	A 5 d
450 Mpa	560 Mpa	23 %



Packaging

weight (kg)	Wire reel type		Wire diameter (mm)		
			Ø 0.9	Ø 1.0	Ø 1.2
0.9	S100	—	086104	—	—
4.5	S200	—	086265	086623	086630
15	S300	—	—	086388	086395