

Filler metal for oxyacetylene welding of non-alloy steels **SAFER 40/SAFER 40 CU**

MAIN APPLICATIONS:

- Assembly with carbon steels of same grade: A 33, A 34, E 24 (A 37) and even A 42.
- Excellent resistance to cracking.

Some recommended applications:

- Pressure vessels,
- Pipes and other circuits,
- Tubular construction components,
- Aeronautical and shipbuilding industries,
- Can be used on medium quality steels.
- SAFER 40 CU and SAFER 40 have the same characteristics but SAFER 40 CU has a special treatment (copper plating) which assure a better conservation.

EQUIVALENT STANDARDS*:

* Because of some divergences with the corresponding standard, the classification proposed does not have an absolute character.

	AFNOR	AWS	DIN
Standard's reference	A 35-055	A 5-2	8554
Symbols	~ FME 8/5	R 45	G 1

TYPICAL MECHANICAL CHARACTERISTICS:

UTS MPa	YS MPa	Elongation (l = 5d) %	CVN at +20°C J
420	250	25	50

TYPICAL CHEMICAL ANALYSIS ON WIRE:

C	Mn	S	P
0.085	0.45	0.025	0.025

APPROVALS / HOMOLOGATIONS:

Meeting GDF specifications ATG B 521-0

CODING: red.

REFERENCES / PACKAGING:

	Reference	Ø (mm)	Packaging
SAFER 40	1076-0002	1.6	straightened rods length: 1000 mm. in 10kg tubes
	1076-0003	2	
	1076-0004	2.4	
	1076-0005	3.2	
	1076-0006	4	
	1076-0007	5	
	1076-0008	6.3	
	SAFER 40 CU	1076-0191	
1076-0192		2	
1076-0193		2.4	
1076-0194		3.2	
1076-0195		4	
1076-0196		5	
1076-0197		6.3	

WIRES AND RODS / FILLER METAL FOR NON ALLOYED STEELS OXYACETYLENE WELDING