

FLUXOFIL M 58 is a seamless copper coated metal cored wire for the hardfacing of wear parts, such as excavator parts, scraper blades, dipper teeth, worm conveyors, beaters, crusher jaws, crusher cones, subjected to heavy wear. The weld metal is tough, free of cracks and therefore resistant to shock and impact. Machining is only possible by grinding. A tough buffer layer using FLUXOFIL 31 is only required with highly hardenable base plates.

Classification

EN 14700: T Fe8

Chemical analysis (Typical values in %)

C	Mn	Si	Cr	Mo
0.6	1.9	0.7	5.4	0.7

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation	Impact Energy ISO - V (J)	Hardness
				°C	
As Welded					57-62 HRC

Gas test: 100% CO₂

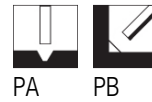
Shielding Gas - EN ISO 14175 : M21

Storage

Keep dry and avoid condensation

Current condition and welding position

DC+



Packaging data

Packaging Type	B300
Diam(mm) / weight(kg)	16
1,4	W000281050
1.2	W000281401
1.6	W000281403