

MATERIAL AMPCO® 45

As the manufacturer of **AMPCO®** alloys, we hereby certify that our material **AMPCO® 45** provides non-sparking properties. The material has been tested and certified by the IBEXU Institute – Test Report No. IB-22-4-022.

AMPCO® 45 exhibits the following typical nominal properties:

CHEMICAL COMPOSITION (NOMINAL):	
Al (Aluminum)	10%
Fe (Iron)	2.5%
Ni (Nickel)	5%
Mn (Manganese)	1.5%
Others max.	0.5%
Cu (Copper)	Balance

MECHANICAL PROPERTIES (NOMINAL):	
Tensile Strength	814 N/mm ²
Yield Strength	517 N/mm ²
Elongation	15%
Hardness Brinell	228

AMPCO® 45 Aluminum Bronze helps fulfil the recommendations of the European ATEX Directive 1999/92/EC for work in Zones 0, 1, 2 and 20, 21, 22 of all explosion groups.

Disclaimer: The final responsibility for ensuring the safety of workers lies with the employer, based on the results of their risk assessment (EN 1127-1 / EN 13463-1).

The above information is not legally binding, and reference must always be made to the original documents.

AMPCO METAL reserves the right to change above specifications when necessary. If changes are made, we will make every effort to inform our authorized distributors promptly.

AMPCO METAL S.A.

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Excellence in Engineered **Alloys**