

CEWELD SP Al 99,0

TYPE 99% pure grade aluminium wire for thermal spray applications.

APPLICATIONS Aluminum wire coatings are recommended for cathodic corrosion protection in atmospheric and salt / fresh water immersion, with application areas such as oil refining equipment, chemical processing equipment, boat bottom interiors exposed to bilge water and other similar types of exposure.

PROPRIÉTÉS As aluminum is anodic to steel, coatings of aluminum act as excellent sacrificial coatings on steel substrates. Furthermore, the aluminum coating tends to form an oxide film that protects it from further attack.

CLASSIFICATION EN ISO 14919: 3.2

CONVIENT POUR Electrical conductance on components such as conductive areas on insulators, capacitor end caps and varistors. Cathodic corrosion protection on steel, structures such as bridges and water towers, for which the coating can be used alone or as a very good bond and protective undercoat for organic materials. Coatings on fiberglass panels for static dispersion and corrosion protection of outer casings, high temperature corrosion protection on exhaust valves.

AGRÉMENTS

POSITIONS DE SOUDAGE



**ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL
D'APPORT (%)**

Si	Al
0.1	99.7

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	$R_{P0,2}$ (MPa)	R_m (MPa)	A5 (%)	Hardness
As Welded				65 HB

ETUVAGE

Not required

GAS ACC. EN ISO 14175

CEWELD SP Al 99,0

SP AL 99,0 1,6MM

Packaging

BS-300

KG/unit

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EanCode

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