

Introduction

NiCrAlY cored wire is specifically designed for arc spray systems. It produces dense and well bonded coatings with excellent high temperature oxidation and corrosion resistance to 1800F°(980°C). It also can be used to prevent oxidation of low alloy steels and as an undercoat for ceramics. The coating is machinable.

Equivalent: Tafa 76MXC, Oerlikon, Metco 884, PMET887.

Chemical & Physical Properties

Ni	Cr	Al	Y
Bal.	22	10	1.0

Applications

- Part restoration
- Wear resistant coatings

Deposit Characteristics

Typical Hardness	HRC 75--85
Bond Strength	9000 PSI
Deposit Rate	8lbs/hr/100A
Deposit Efficiency	65%
Machine ability	Good

Standard Dimensions

Wire	Diameter (mm)	Tolerance (mm)
	2.0	+ 0 / - 0.05

Other sizes (diameter and wire weight) can be manufactured accordingly to the requirements of customers.

Packaging

Spool	15kgs(33 lbs)/spool (D300 spool)
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