

Introduction

FeAl (P) is a cored wire that is specifically designed for arc spray systems. It produces a well bonded coating with high hardness. It has the unique ability to produce either smooth or very rough profile coatings for non-slip applications. FeAl (P) coatings have excellent machine ability. The typical applications include non-slip coatings for walkways, stairs, gripping rolls and bond coats.

Equivalent: TAFA 35MXC, PMET 50

Chemical & Physical Properties

Al	C	Mn	Fe
5.5	2	0.8	Bal.

Applications

- . Bond coats
- . Anti-skid
- . Traction rolls
- . Part restoration

Deposit Characteristics

Typical Hardness	55-60HRC
Bond Strength	8000 PSI
Deposit Rate	10 lbs/hr/100A
Deposit Efficiency	70%
Wire Coverage	0.6 oz/ft ² / mil
Machine ability	Good

Standard Dimensions

Wire	Diameter (mm)	Tolerance (mm)
	1.6, 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 (D270 spool)
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