

Introduction

Wisdom Moly wire is a pure (99.95%) molybdenum wire that is specifically designed for arc spraying. It produces dense, well-bonded coatings with excellent wear resistance and good corrosion resistance. It is particularly effective for applications where there is a scuffing or galling problem, such as piston rings, shift forks and synchronizing rings.

Chemical & Physical Properties

Mo
99.95

Applications

- Wear resistant coatings
- Corrosion resistance

Deposit Characteristics

Typical Hardness	HRC 15-20
Bond Strength	7900 PSI
Deposit Rate	10 lbs/hr/100A
Deposit Efficiency	75%
Wire Coverage	1.1 oz/ft ² /m
Surface Texture	Variable
Machine ability	Good

Standard Dimensions

Wire	Diameter (mm)	Tolerance (mm)
	1.6, 2.0, 3.17	+ 0 / - 0.05

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

Packaging

Coil	10 -50kgs / coil
-------------	------------------