



4J29 Kovar Alloy Tube With Fe-Ni-Co Glass Sealed Alloy

Our Product Introduction

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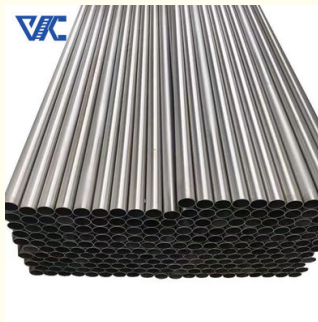
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Product Name: Kovar 4J29
- Model Number: Kovar 4J29
- Minimum Order Quantity: 5 Kg
- Price: 10 - 499 kilograms \$30.00
- Packaging Details: Plastic film or waterproof woven bag inside, wire packed in spool put into carton, coil wire or strip wire put into wooden case
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Product Name: Kovar Tube
- Material: Nickel Base Alloy
- Ni (Min): 35%
- Resistance ($\mu\Omega.m$): Stable
- Powder Or Not: Not Powder
- Ultimate Strength ($\geq MPa$): 690
- Elongation ($\geq \%$): 35%
- Application: Aerospace Industry, Chemical Industry, Marine Industry
- Chemical Composition: Fe, Ni, Co, Al, Si, Mn Etc.
- Size: Customized Size
- Highlight: Kovar Alloy Steel Round Pipe, Kovar Alloy Tube



More Images



Product Description

When talking about Kovar Tube, we are referring to a special alloy tube made of an alloy grade called Kovar. Kovar Tube is known for its excellent performance and wide range of applications. One of the main features of Kovar Tube is its excellent thermal expansion properties. Its coefficient of thermal expansion is close to that of materials such as glass and ceramics, making it ideal for many packaging applications. Kovar Tube maintains dimensional stability whether at high temperatures or under drastic temperature changes, thereby reducing stress and mismatch issues during the packaging process.

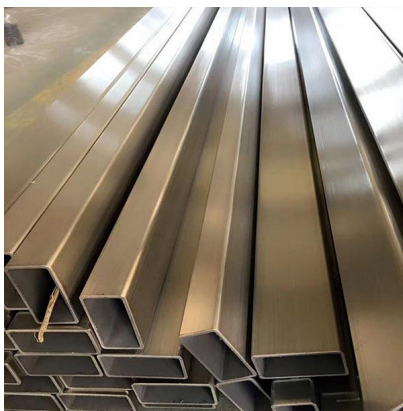
Alloy Type	Trade Name	UNS No.	Specifications	Forms Of Supply		
				Rod	Strip	Wire

Ni29Co17	Kovar	K94610	ASTM F15	√	√		√
FeNi36	Invar 36	K93603	ASTM 1684	√	√		
FeNi32Co5	Super Invar 32-5	KI93500	ASTMF1684	√	√		
FeNi27Co25	Ceramvar	F1466	ASTMF1466	√	√		√
FeNi42	Alloy 42	K94100	ASTM F30	√	√		
FeNi46	Alloy 46	K94600	ASTM F30	√	√		
FeNi48	Alloy 48	K94800	ASTMF30	√	√		
FeNi50	Alloy 52	K95050	ASTM F30	√	√		√

Item	1J33	3J01	3J9	4J29	4J32	4J33	4J45		FeNi50
C	≤0.05	≤0.05	0.22-0.26	≤0.03	≤0.05	≤0.03	≤0.05		≤0.05
Mn	≤0.05	≤1.00	1.80-2.20	≤0.5	0.2-0.6	≤0.5	≤0.8		≤0.8
Fe	Rest								
P	≤0.020	≤0.020	≤0.03	≤0.02	≤0.02	≤0.02	≤0.02		≤0.02
S	≤0.020	≤0.020	≤0.020	≤0.02	≤0.02	≤0.02	≤0.02		≤0.02
Si	0.30-0.6	≤0.80	1.30-1.70	≤0.3	≤0.2	≤0.3	≤0.3		≤0.3
Ni	32.8-33.8	34.5-36.5	9.0-10.5	28.5-29.5	31.5-33	28.5-29.5	44.5-45.5		49.5-50.5
Al	1.0-2.0	1.00-1.80	--	--	--	--	≤0.1		≤0.1
Co	--	--	--	16.8-17.8	3.2-4.2	16.8-17.8	-		-
Ti	-	2.70-3.20	-	-	-	-	-		-
Cu	-	--	--	--	≤0.2	0.4-0.8	≤0.2		--
Cr	--	11.5-13.0	19.0-20.5	≤0.2	--	≤0.2	--		--
Mo	--	--	1.60-1.85	≤0.2	--	≤0.2	--		--



Shape	Size(mm)
Wire	0.5-7.5
Rod/Bar	8.0-200
Strip	(0.5-2.5)*(5-180)
Tube	custom made
Plate	custom made



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