



Expansion Alloy 29HK Kovar Uns K94610 Tube 5mmx1mm 6mmx1.5mm For Sealing Process

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001Product Name
- 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

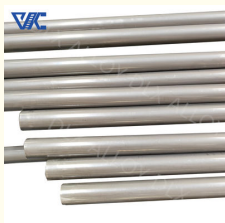


Product Specification

- 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

Kovar Tube also exhibits excellent dimensional stability. It can maintain small dimensional changes under temperature fluctuations and is therefore widely used in the fields of high-precision instruments and precision machinery. Kovar Tube maintains a dimensional match with other components, reducing stress and mismatch issues caused by thermal expansion, ensuring device accuracy and stable performance.

Kovar Tube also offers good processability. It can be made into pipes of various specifications and shapes by hot or cold processing to meet the needs of different applications. At the same time, Kovar Tube can also be easily welded with other materials to achieve reliable connections. This makes Kovar Tube more flexible during the manufacturing process and able to adapt to complex packaging and connection requirements.

Our Product Introduction

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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