

## Technical Data Sheet

**Product Name:** Nitinol Wire  
**Catalog No.:** NT0401  
**Standard:** ASTM F2063  
**Size:** Customized  
**Color:** Grey



### Specification

Form	Size	Standard	Form	Other shapes
Wire	<b>Round Wire:</b> 0.0004"-0.20" Dia.	ASTM F2063	Straight wires, Coils, Spools	Square Rectangular customized shapes
	<b>Flat Wire:</b> Aspect Ratio: W/T ~ 12			
	Minimum Thickness: 0.0004"			
	Maximum Width: 0.450"			

### Chemical Composition

Element	Ni	Ti
Nitinol	55-56	44-45

### Properties

Properties	Unit	Value
Density	g/cm <sup>3</sup>	6.45
Melting Point	°C	1300
Elongation	%	5-10
Yield Strength	MPa	195-690 (Austenite) 70-140 (Martensite)
Tensile Strength	MPa	1900

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