

# Thermocouple Wire Type J and K

## CABLE DETAILSTYPE J

1/0.376mm iron/constantan  
PTFE single shot extrusion

Operations	Details	Dia.MM	Tol.MM
<b>Conductors</b>	1/0.376mm iron class I		0.376
	1/0.376mm constantan class I		0.376
	To BS4937 PT.4 (Conductors) To BS4937 PT.20 (Tolerances)		
<b>CORE</b>	Single shot extrusion of PTFE around both conductors	2.28	+/-0.10
<b>TEST</b>	Spark test: 2KV RMS  Resistance: Iron: 6125 OHMS/KM NOM @ 20°C Constantan: 4413 OHMS/KM NOM @ 20°C  Temperature range:- -50°C to +260°C  Dimensions: 2.18mm min 2.38mm max		

## CABLE DETAILSTYPE K

1/0.376mm nickel chromium/nickel aluminium  
PTFE single shot extrusion

Operations	Details	Dia.MM	Tol.MM
<b>Conductors</b>	1/0.376mm nickel chromium class I		0.376
	1/0.376mm nickel aluminium class I		0.376
	To BS4937 PT.4 (Conductors) To BS4937 PT.20 (Tolerances)		
<b>CORE</b>	Single shot extrusion of PTFE around both conductors	2.28	+/-0.10
<b>TEST</b>	Spark test: 2KV RMS  Resistance: Nickel chromium: 6358 OHMS/KM NOM @ 20°C Nickel aluminium: 2830 OHMS/KM NOM @ 20°C  Temperature range:- -50°C to +260°C		

## Aerovac Systems Ltd.

Tel: 01274 550500 Fax: 01274 550501 e-mail: [sales@aerovac.com](mailto:sales@aerovac.com) website: [www.aerovac.com](http://www.aerovac.com)

All statements, technical information and recommendations contained in this publication are based on tests believed to be reliable, but their accuracy and/or completeness are not guaranteed. The user shall determine the suitability for this particular purpose and shall assume all risk and liability in connection herewith.