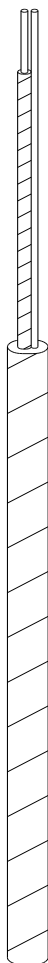


THERMOCOUPLE WIRE

DuoWrap Kapton® insulated; 285 °C



Features:

- Superior chemical resistance
- Very small outer diameter
- Superior abrasion and cut-thru resistance
- Temp. range -265 to 400 °C (max.)

Applications:

- Cryogenic temperatures
- Aerospace industry
- Laboratories and test stands
- Wiring and measurement in tiny spaces

Specifications:

Conductors	:0,25 mm (30 AWG) solid, Class 1
Insulation (neg. conductor only)	:FEP backed Kapton® fused tape, wrapped with 50% overlap; total thickness after fusing 0,08 mm nominal;
Construction	:parallel conductors
Jacket	:FEP backed Kapton® fused tape, wrapped with 50% overlap; total thickness after fusing 0,10 mm nominal;
Limits of error	:according to ANSI MC 96.1/IEC-60584
Identification	:the negative (-) conductor has a parallel fibreglass tracer (red)
Electrical/Physical	
Operating temperature (max.)	:285 °C (400 °C for limited duration)
Operating temperature (min.)	:-265 °C
Flammability	:self-extinguishing
Chemical resistance	:excellent
Radiation resistance	:10 ⁹ rad.
Bend radius test (min.)	:4 x o.d.

Dimensions and weight:

(nominal values)

Conductor size

AWG	Ø mm	outer Ø mm	weight/km
30	0,25	0,6 x 0,9	2,1 kg

Ordering code:

Calibration	30 AWG	Stock number
Iron-constantan	Hf/D-30-JJ ANSI	
	Hf/D-30-JJ IEC	9151577
Chromel-alumel	Hf/D-30-KK ANSI	
	Hf/D-30-KK IEC	9151578
Copper-constantan	Hf/D-30-TT ANSI	
	Hf/D-30-TT IEC	9151579
Chromel-constantan	Hf/D-30-EE IEC	9151580

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