

# THERMOCOUPLE WIRE

Teflon<sup>®</sup> insulated; 205°C



## Features:

- Flame retarded
- FDA approved
- Chemical inert
- High abrasion resistance

## Applications:

- Food industry
- Laboratories
- Automotive industry
- Testing
- Cryogenics

## Specifications:

Conductors	:	solid, thermocouple grade material
Insulation	:	FEP Teflon <sup>®</sup> , extruded
Construction	:	parallel conductors
Jacket	:	FEP Teflon <sup>®</sup> , extruded
Operating temperature (max.)	:	205 °C
Lower flexibility limit	:	-68 °C
Limits of error	:	according to ANSI MC 96.1/IEC-584
Colour code	:	according to ANSI MC 96.1/IEC-584 others optional

## Dimensions and weight:

(nominal values)

Conductor size			
AWG	Ø mm	outer Ø mm	weight/km
20	0,8	1,8 x 3,0	14,7 kg
24	0,5	1,6 x 2,5	8,4 kg
30	0,25	1,2 x 1,8	5,6 kg

## Ordering code:

Calibration	20 AWG	Stock #	24 AWG	Stock #	30 AWG	Stock #
Iron-constantan	Tex/Tex-20-JJ ANSI	9151412			Tex/Tex-30-JJ ANSI	9151414
	Tex/Tex-20-JJ IEC	9151424			Tex/Tex-30-JJ IEC	
Chromel-alumel	Tex/Tex-20-KK ANSI	9151415	Tex/Tex-24-KK ANSI	9151416	Tex/Tex-30-KK ANSI	9151417
	Tex/Tex-20-KK IEC		Tex/Tex-24-KK IEC	9151425	Tex/Tex-30-KK IEC	9151427
Copper-constantan	Tex/Tex-20-TT ANSI	9151419	Tex/Tex-24-TT ANSI	9151420	Tex/Tex-30-TT ANSI	9151421
	Tex/Tex-20-TT IEC		Tex/Tex-24-TT IEC	9151428	Tex/Tex-30-TT IEC	9151420

<sup>®</sup> Trademark Dupont



Thermo Electric  
P.O. Box 179  
2740 AD Waddinxveen  
The Netherlands

Tel. : +31 (0)182 – 302 850  
Fax : +31 (0)182 – 302 777  
E-mail : info@thermo-electric.nl  
Internet: http://www.thermo-electric.nl

E/1.201  
Rev.00 08/03