



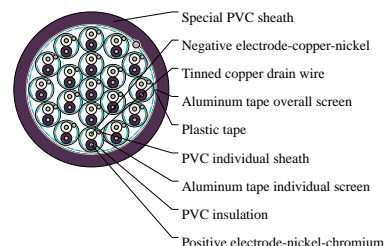
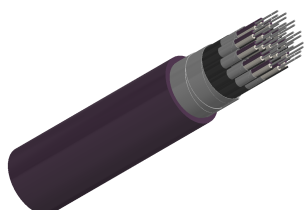
# Caledonian

Cables For Oil Industry  
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## Overall Screened Thermocouple Cable

EX Individual & Overall Screened Thermocouple Cable 19P0.5



## APPLICATIONS

These cables are used with thermocouples for temperature measurements where hydrocarbon may be present.

## STANDARDS

IEC 60584-3; NF C 42-324

## CABLE CONSTRUCTION

Conductor: Metal according to thermocouple type

Insulation: PVC

Individual screen: Aluminum/polyester tape with tinned copper drain wire

Individual sheath: PVC

Overall screen: Aluminum/polyester tape with tinned copper drain wire

Sheath: Special PVC.

Color depends on thermocouple type

## PHYSICAL AND THERMAL PROPERTIES

Flame retardance: NFC 32070 C2, IEC 60332-1-2

Operating voltage: 250V

Operating temperature: -20~60°C

Max. conductor temperature in service: 70°C

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

## DIMENSION AND PARAMETERS

No. of Pairs	Conductor Size	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
	mm <sup>2</sup>	mm	mm	kg/km
19	0.5 solid	24.6	28.1	825