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Thermocouple

Thermocouple cables are still shrouded in mystery for some and can seem very foreign. Thermocouple cable is divided into two types of cable: 1) Thermocouple and 2) Thermocouple Extension. Thermocouple wire is situated in or near the heat source to be measured and usually has the exotic Teflon, glass braid or silica insulations and jackets. Thermocouple extension is situated outside the heat source and runs to a control panel. PVC and XLPE are the standard insulations and outer jackets are usually PVC.



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Upcoming Events

Canadian Wind Energy Association - CanWEA
29-31 October 2001

Achieving 10 x 10
(10 000 mW by 2010)
2001 Seminar and Conference
Crowne Plaza
Ottawa, ON
For information contact:
www.canwea.ca

AltEnergy 2001
7-8 November 2001

National conference on
renewable energy
Edmonton, AB
For information contact:
www.altenergy.com

ANSI Type	Alloy Identification		ANSI Color Codes		
	Positive Wire	Negative Wire	Positive Wire	Negative Wire	Outer Jacket
EX	Tophel™	Cupron™	Purple	Red	Purple
JX	Iron	Cupron™	White	Red	Black
KX	Tophel™	Nial™	Yellow	Red	Yellow
NX	Nicrosil	Nisil	Orange	Red	Orange
RX	Copper	Copper Alloy II	Black	Red	Green
SX	Copper	Copper Alloy II	Black	Red	Green
TX	Copper	Cupron™	Blue	Red	Blue

A thermocouple measuring system consists of using two dissimilar metals (see chart) to create an electromotive force. The hotter it gets, the higher the electromotive force. It's all very "scientific."

The most common types used in our industry are JX, KX and EX. The first letter indicates the type of metal (see chart) and X stands for extension.



If anyone would like additional information, just drop us an E-mail.

The current lead time is 7 weeks x factory right now on most products.

Did you know that ShawFlex has been in business since 1965?

During that time we have expanded our product line from control and instrument cables to all types of products - Marine, Utility, Nuclear, Armcon®, Offshore, Robotics, Thermocouples and Custom cables are now as regularly manufactured as our control and instrument products. We are ISO 9001 certified and are working towards our World Class Manufacturing. ShawFlex is proud to have a dedicated sales force located in both Canada and the United States and we offer product that is accepted worldwide.

For your cables needs you can contact our North American Toll Free Number at 1-800 668 4842 and you will be speaking directly to a ShawFlex Customer Service Representative who will assist you in selecting the right cable.

Contact Us:

Toll Free

1-800 668 4842

E-mail:

bknutson@shawflex.shawcor.com
kpaul@shawflex.shawcor.com

Trivia Challenge

Trivia Answer May 2001

The Riverside Speedway is one of the fastest stock car ovals in Canada. Where can it be found?

Answer: Antigonish, NS

New Challenge

The shifting strip of sand that is known as “the graveyard of the Atlantic” is located in what area of Canada?

Western Droppings



Western Canada has been an area of many different changes over the past few years but none as phenomenal as the ones seen by the area of Wood Buffalo (the Fort McMurray District). Here are some interesting facts about this region:

Average age of Wood Buffalo resident in 2000 was 29.2 years.

Population originally from the Maritimes was 21%.

Since 1995, oil sands production has grown from very little to 35% of Canadian crude production. Syncrude Canada is right now the largest. By 2007-2008 forecasts estimate oil sands development will reach 60% of the total Canadian production. (Alberta Venture July/Aug. 2001)

Eastern Tidbits



Of the 21% of people from the Maritimes, most are moving back. The biggest complaint we have heard is “How can you do anything wearing cowboy boot?” and “Get that silly looking hat off your head!”

After the first half of this year being in the doldrums, activity is posed to resume on a frenzied scale. The oil business in the Maritimes is once again gathering momentum with the development of the White Rose and Deep Panuke oil fields. The next couple of years should see some very interesting activity.

Hydro Quebec is also developing some big projects and a slew of small ones over the next few years.