

TECK90 1 kV

4C8(7) TECK90 1KV

Contact

Représentants des ventes internes
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(-40°C) XLPE

DESCRIPTION

Even in the most demanding industrial and resource industry applications, Nexans TECK90 cables have proven to have a superior service and maintenance record.

TECK90 Cables utilize low acid gas, low flame spread PVC jacket compounds to ensure maximum safety to personnel and equipment in the event of fire.

Applications

TECK90 Cables, originally developed for use in Canadian mines, are flexible, resistant to mechanical abuse, corrosion resistant, compact and reliable. They are suitable for a wide range of applications, including ALL hazardous locations - Class I, Division 1 and 2; Class II, Division 1 and 2; and Class III.

Industries such as pulp and paper, chemical, petroleum and other primary and secondary manufacturing industries have used TECK90 Cables, particularly in areas where cables are subject to the risk of mechanical damage and chemical attack.

Commercial applications for TECK90 Cables include apartment buildings and commercial complexes.

TECK90 Cables can be relocated easily because they are rugged and flexible. They can be used in both dry and wet locations in open wiring, in ventilated, non-ventilated and ladder-type cable troughs, in ventilated flexible cableways, and for direct burial.

TECK90 Cables are also suitable for service entrance installations - above and below ground.

Highlights

Nexans TECK90 Cables are:

- Available from stock
- Versatile
- Flexible
- Resistant to Mechanical Abuse and Corrosion
- Compact and Reliable
- "HL" and "FT4" Rated per CSA
- 90°C to -40°C
- Low Acid Gas (AG14)
- Inner and outer jackets are sunlight resistant
- LEAD FREE
- RoHS compliant



NORMES

National CSA C22.2 N° 131;
CSA C22.2 N° 174

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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The Nexans logo features a stylized red 'N' followed by the word 'Nexans' in a black, sans-serif font.

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Marking and Identification

The inner jackets of Nexans TECK90 cables are printed: SUN RES.

The outer jackets of Nexans TECK90 cables are printed: (mon/year) NEXANS TECK90 XLPE (-40°C) CSA LL19376 F HL FT4 AG14 SUN RES along with conductor size, number of conductors and sequential metre marking.

Conductor Identification:

Red, Black, Blue

- 14 AWG to 2 AWG: Coloured Insulation

- 1 AWG to 500 kcmil: Coloured Stripes

CARACTÉRISTIQUES

Caractéristiques de construction

Avec conducteur de masse	Oui
Couleur de la gaine	Noir
Isolation	XLPE
Nature de l'âme	Cuivre
Nombre de connecteurs	-

Caractéristiques dimensionnelles

Calibre du conducteur	8 AWG
Conductor diameter (mm)	-
Diamètre du conducteur	- kcmil
Diamètre du câble (mm)	25,7 mm
Diamètre du câble fini	1,012 inches
Masse approximative	607 lb/kft
Nombre de conducteurs	4
Nombre de torons	7
Poids net approximatif	902,993 kg/km

Caractéristiques électriques

Tension de service maximale admissible	1 kV
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Caractéristiques d'utilisation

Température ambiante minimale	-40 °C
Température de service maximale	90 °C

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MARQUAGE ET IDENTIFICATION

Identification de conducteur

TECK90 1C

Noir

TECK90 2C

Noir, blanc

- 14 AWG à 2 AWG: Isolant coloré
- 1 AWG à 500 kcmil: bandes colorées

TECK90 3C

Rouge, noir, bleu

- 14 AWG à 2 AWG: Isolant coloré
- 1 AWG à 500 kcmil: bandes colorées

TECK90 4C

Rouge, noir, bleu

- 14 AWG à 2 AWG: Isolant coloré
- 1 AWG à 500 kcmil: bandes colorées

INFORMATIONS SUR LA VENTE ET LA LIVRAISON

Caution Notice

In case of fire, well maintained early warning smoke detectors will give an alarm long before non-metallic coverings become combustible.

However, in spite of the widespread and long-standing use of PVC in residential and commercial buildings, all purchasers of PVC insulated/ jacketed products should be aware of the following:

- Non-metallic coverings of electrical cables can burn and may transmit fire when ignited.
- Burning non-metallic coverings may emit acid gases which are toxic and may generate dense smoke.
- Emission of acid gases may corrode metal in the vicinity; e.g. sensitive instruments and reinforcing rods in cement.