



# TRANSNET

## LV JUICE



November 2014

## LED INDUSTRIAL CANOPY LIGHTS

### LEDCL15-150AC WEATHER PROOF CANOPY LIGHTS



This 150 W LED Canopy light is a direct replacement for the 400W sodium & metal halide troffer light that is commonly used in service stations, under canopies, truck interchanges and in foodgrade production areas.

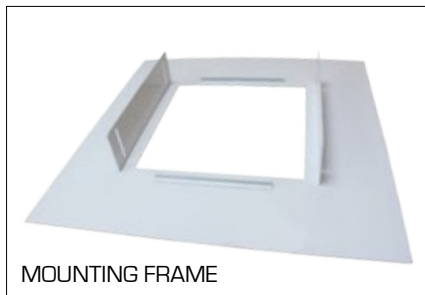
With superior IP66 weather proof rating, Cree LED chips, Meanwell drivers, ATEX Explosion proof rating and with full surge protection it means this is an extremely robust and reliable luminaire.

This luminaire is capable of dimming down to 10% and at this setting will only consume 16W per kWh unless motion is detected – providing significant power savings over a 440W traditional light fitting.

The LEDCL15-150AC are available in cool white (CW) or warm white (WW) colour temperatures and come with mounting bracket system for easy installation.



## LED INDUSTRIAL CANOPY LIGHTS



MOUNTING FRAME



### FEATURES

- Superior IP66 weather proof rating
- Extremely robust and reliable
- ATEX Explosion proof rating
- Optional adjustable onboard motion detector
- Cree LED chips & Meanwell drivers
- Full surge protection
- Comes with mounting bracket system
- Suitable for petrol stations, sports stadiums, food production areas and more

**NOTE:** Add suffix CW (cool white) or WW (warm white) to the product # when ordering

## GIFT WITH PURCHASE



Spend over \$300(excl GST)  
on one invoice this month  
& receive a free  
**PACK OF  
MILKSHAKES**

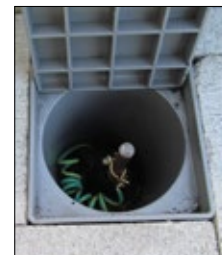
While stocks last



[www.transnet.co.nz](http://www.transnet.co.nz)

## TRANSNET EARTH ROD INSPECTION BOX

Designed by NZ contractors for NZ contractors! Improve the looks and safety of your drive or path with the TransNet Main Earth Inspection Box.



**STRONGER,  
SAFER,  
BETTER,  
NZ MADE!**



Heavy Duty Hinged Lid  
Clear Description Embossed on Lid  
Strengthened Lid  
UV Stabilised Material  
Lid Latches Closed  
Dimensions 120x120x200mm



Product # TNERIB

**\$36.92**  
+ GST

## WRICON - RELIABLE AND CONSTANT ELECTRICAL EARTH

THE WRICON Earthing System enables the entire earthing system to be located completely within the structure, thus providing a location away from any possibility of accidental damage or unauthorised disconnection.

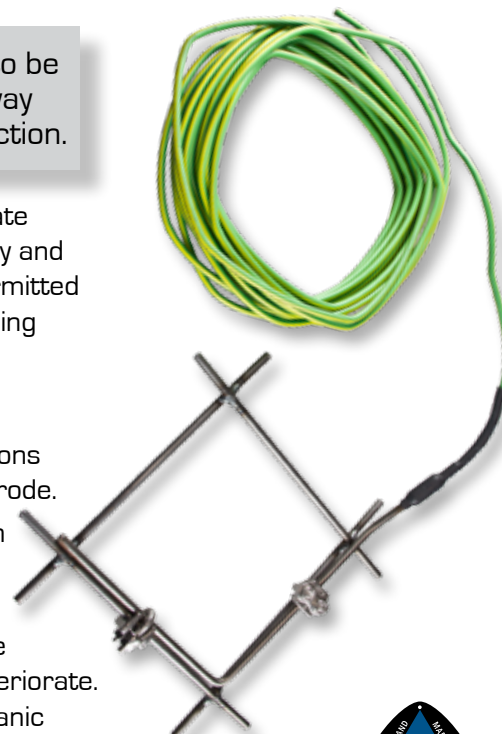
The heart of the WRICON Earthing System is the unique Earthing Terminal Plate which allows earthing to the building frame (foundations or rebar) easily, simply and very professionally. Earthing to the building frame (foundations or rebar) is permitted under the E.W.R. of New Zealand, providing a direct electrical bond to reinforcing steel mesh in domestic housing concrete foundations.

### COMPLETE SYSTEM:

- Easy clamp system for connection to reinforcing mesh
- Shaped mild steel bar for continuous earth
- 10 metres of 6mm PVC sheathed conduit wire
- Bare and suitable for crimp terminal

### ADVANTAGES

- Reinforcing steel in concrete foundations provides an indestructible earth electrode.
- Wricon earth lead is safely cast within the concrete and can not be severed by digging or theft.
- CADWELD welded connections (unlike compression connections) do not deteriorate. Additionally this system prevents galvanic corrosion and high resistance joints, permanently.
- Lower resistance to earth than conventional methods and is much less subject to seasonal changes.



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+64 9 274 3340  
sales@transnet.co.nz



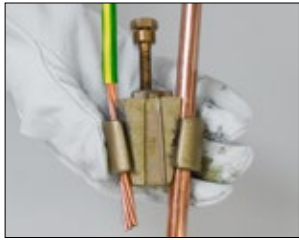
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## SHEAR-LOK

AMP developed the SHEAR-LOK Copper Tap/Grounding Connector for applications in the power utility industry where connectors are required to withstand mid-range magnitudes of fault current (20kV symmetrical RMS). SHEAR-LOK connectors utilise AMP Wedge Pressure Technology and controlled-torque-drive bolts to provide

easily applied and highly reliable ground rod connections. This family of connectors is ideal for HV applications where connections must be made between conductor and rod.



### KEY FEATURES

- Wedge Pressure Technology
- Shear-head bolt for controlled torque
- Removable without conductor damage
- No special tools required
- Application not inhibited by disfigured ground rod end
- Taps into existing ground conductors



SHEAR-LOK is available in the following sizes:

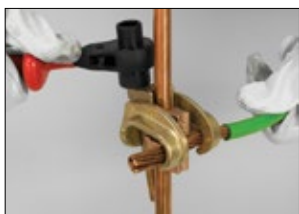
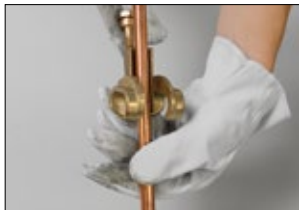
- #0-80408-2 25-35 Cut to 12.8mm Rod
- #0-83000-1 50-70 Cut to 12.8mm Rod

## WRENCH-LOK

The WRENCH-LOK System uses a specially designed shear-head bolt to drive a tapered wedge into the connector body. All that's needed to apply it is a common ratchet or socket wrench. When the connection is tightened to the proper torque, the bolt head shears off, giving a positive visual indication of a perfect connection. It's that simple and sure.

WRENCH-LOK connections can be installed in any weather conditions and are very safe for the installer. This product line offers options to connect conductor to conductor or conductor to ground rod.

The WRENCH-LOK system meets the requirements of IEEE 837.



### KEY FEATURES

- Shear-head bolt for controlled torque
- No special tools required
- No need to change connector styles, molds or tooling
- Available in a range of sizes
- Cable to Cable, Rod to Rod, & Cable to Rod connections
- 4 sizes cover 35-120mm<sup>2</sup> connections



## UTILUX TRAILER PLUGS

The Utilux flat trailer connector has two parts - plug and socket. Connectors are UV stabilised, made from impact resistant thermoplastic and have a spring loaded lid that locks the connection. Nickel plated contacts provide excellent electrical performance.



CAT NO.	DESCRIPTION	PRICE (excl GST)
H40904/D1	7 PIN TRAILER PLUG	\$8.26
H40905/D1	7 PIN TRAILER PLUG BASE	\$9.03
H40904-HOLDER	7 PIN TRAILER PLUG HOLDER	\$3.61

## RAYFLATE DUCT SEALING SYSTEM

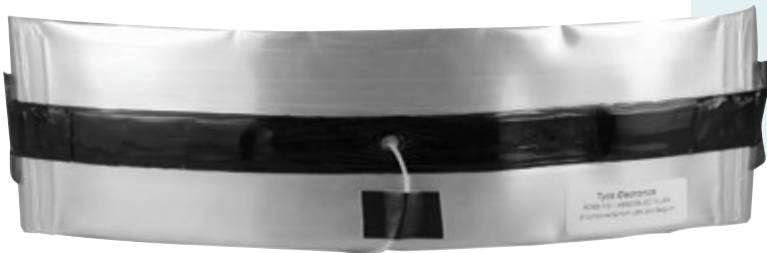
**Raychem's RDSS system is an inflatable duct sealing system, created especially for sealing power cables in ducts. It is also suitable for communications cables.**

### APPLICATIONS

- For power cables
- Use not only for new cable installations but also for existing applications
- For two or more cables, sealing clips are required
- Inflation tool is TDUX-IT-16 for purchase or hire
- Canisters of compressed air or CO<sub>2</sub> are compatible
- Lifespan calculations indicate that a typical Rayflate duct seal will withstand a 3m waterhead for 30yrs after installation
- Rayflate seals can be installed when water is still flowing out of the duct – thus saving valuable installation time
- Rayflate seals can be quickly and easily removed from a duct or pipe by deflation
- Each Rayflate seal covers a large range of cable and duct diameters
- This system can seal ducts with no cables, a single cable or even multiple cables\*\*



RDSS Install Video



### Installation is fast & easy:

1. Wrap the bag around the cable and ensure it is well seated in the duct before inflating.
2. Connect the inflation tool to the valve on the RDSS bag & inflate to ensure a watertight seal.

\*\* When 3 or more cables are to be sealed in a single duct a RDSS clip needs to be used in combination with the RDSS inflatable duct seal.



All Specials and Products featured in TRANSNET JUICE are available from all good electrical wholesalers.



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## MI3100S – MULTIFUNCTIONAL ELECTRICAL INSTALLATION TESTER

### KEY FEATURES:

- Predefined mini AUTOSEQUENCES
  - Auto TT (U, ZIn, Zs, Uc)
  - Auto TN/RCD (U, ZIn, Zs, Rpe)
  - Auto TN (U, ZIn, Zlpe, Rpe)
- Built-in help screens and fuse tables for automatic evaluation & referencing on site
- Monitoring of all 3 voltages in real-time
- Automatic polarity reversal on continuity test
- Loop impedance test without tripping the RCD
- Built-in charger and rechargeable batteries as standard accessory
- Automated RCD testing procedure
- BT communication with PC, Android tablets and smart phones via BT dongle
- PC SW EuroLink PRO for downloading of test results and report creation
- EuroLink Android APP, data management tool (option)

### MEASURING FUNCTIONS:

- Insulation resistance with DC voltage from 50 V to 1000 V
- Continuity of PE conductors with 200 mA test current with polarity change
- Continuity of PE conductors with 7 mA test current without RCD tripping
- Line impedance
- Loop impedance with Trip Lock RCD function
- TRMS voltage and frequency
  - Phase sequence
  - RCD testing (general and selective, type AC, A, F)
  - Earth resistance (3-wire method)



Product # MI3100S

**\$1650.00**  
+ GST



## FLUKE-179 DIGITAL MULTIMETER

### KEY FEATURES

- True RMS measurement
- Large backlit display
- Temperature reading (Probe included)
- Closed case calibration through front panel
- Auto and Manual ranging
- Analogue bar-graph
- Low Battery indication
- Lifetime warranty
- CAT IV 600V
- Ergonomic case with integrated protective holster
- 6000 count display
- Easy access battery door
- Display Hold and Auto Hold



### MEASURING FEATURES

- Voltage AC/DC
- Current AC/DC
- Resistance
- Capacitance
- Frequency
- Min/Max/Average
- Temperature (°C and °F)

Product # FLUKE-179-ESFP

**\$505.00**  
+ GST

**Tough.  
Precise.  
Packed with features.**

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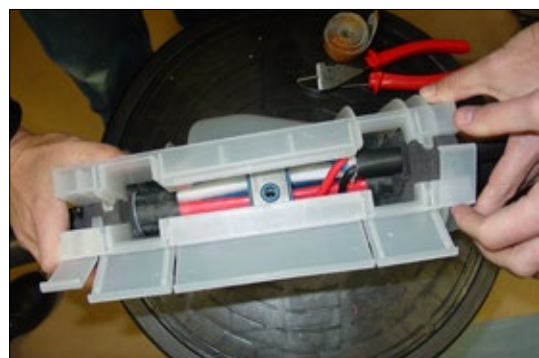
## GURO KITS FOR POLYMERIC INSULATED CABLES UP TO 1KV

Designed for use with LV cables, these joint kits consist of an impact resistant, transparent polypropylene snap-to-close design housing, polymer foam for sealing, Guroflex environmentally friendly easy to handle two compound cold casting material and a Helstern Ring Connector.

These joints are easy and quick to assemble, resistant to breaks/cracks due to the elasticity of the compound and mechanically robust due to the nature of the impact resistant polypropylene housing.



GURO MM5 Install Video



### FEATURES

- Multiple kits available will cover mains cables from 50mm<sup>2</sup> to 240mm<sup>2</sup>
- IPC ring connector means main cable isn't cut, this reduces the potential resistance created when cables are joined.
- No need to cut housing to accommodate cable diameter
- Housing can be buried immediately - no waiting for resin to cure
- GUROFLEX Insulating Compound offers elasticity to the joint to accommodate thermal expansion
- GUROFLEX cures to an elastic state
- Environmentally Friendly - can be worked with and disposed of safely

GUROFLEX is an environmentally friendly, non-toxic and non-hazardous casting material for 1kV cable joints. It's easy to handle (no special protective measures are required to handle it) and is a cold casting material based on hydrocarbons.

GUROFLEX is prepared immediately before casting. The two components are mixed together in a double chamber bag and then the cross-linking process starts. Compared with other resin types, GUROFLEX is easy to process and generates no heat during curing. Furthermore, GUROFLEX is resistant to low temperatures as low as -20°C. Processing is possible at temperatures as low as -10°C.

GUROFLEX is suited for use in all cable joint systems with robust closures up to 1kV. It is qualified according to CENELEC HD 623. It is suitable for filled XLPE, PE, PVC and paper-insulated cables. GUROFLEX is available in double chamber bags and tins.



CAT NO.	MAIN CONDUCTOR SIZE mm <sup>2</sup>	TAP OFF CONDUCTOR SIZE mm <sup>2</sup>
GURO50/70KIT	4 CORE 50-70	6-70
GURO70/150KIT	4 CORE 70-150	
GURO150/185KIT	4 CORE 150-185	
GUROMM7/240	4 CORE 240	6-70
GUROMM7/3C/95MM	3 CORE 95	
GUROMM7/3C/185MMKIT	3 CORE 185	
GURO70-150/4-120KIT	4 CORE 70-150	4-120

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## PARROT BEAK CUTTER

This parrot beak style cable cutter can be used for Copper and Aluminium conductors. Replacement blades are available.

**Note:** Not for use with steel core conductors.

- RANGE: Up to 240mm<sup>2</sup>
- LENGTH: 610mm
- WEIGHT: 1.8kg



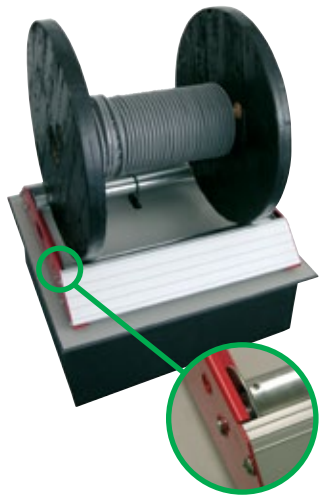
Product # 140/1

**\$199.00**  
+ GST

**TE**  
connectivity ENERGY

**UTILUX**

## HAUPA CABLE DRUM ROLLER/DECOILER



The 143398 side elements are made from galvanised powder-coated steel. The ball bearing drums can be adjusted without the need for specialist tools. Four vibration-damping feet prevent unwanted movement of the roller while also protecting the floor.

**Product # 143398**

Length: 350 mm  
Width: 350 mm  
Height: 105 mm



Product # 143398

**\$319.18**  
+ GST

**haupa**<sup>®</sup>

## HAUPA PULLTEC CABLE SNAKE

Designed for use on installation of medium weight electrical or data cables into roof cavities, ducts or conduits. M5 thread and additional pilot spring and impact resistant plastic housing. An ergonomic handle makes it easy to work with.

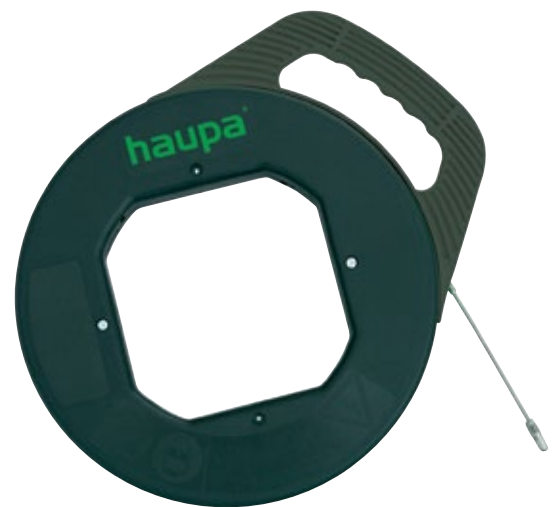
### FEATURES

- 20M cable snake
- Impact resistant housing
- M5 thread
- Flexible glass fibre rod
- Compact pack for easy storage
- Low friction
- High abrasion resistance

Product # 143504

**\$339.25**  
+ GST

**haupa**<sup>®</sup>



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**TransNet**  
Your Partners in Power

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# NZ Oil & Gas Exhibition & Conference – New Plymouth, OCT 22-23



Being the premier industry event for the Oil and Gas industry, this years exhibition was bigger and better than ever. With over 70 exhibitors there were plenty of new and innovative products to investigate. As 90% of the industry is based in Taranaki, the turn out was solid, with a steady stream of attendees over the two day event. In addition to the delegates there was a group of protestors outside the venue, voicing their view on oil and gas exploration. Quite fitting to raise awareness when this expo assists with offering the latest and most environmentally responsible products available to reduce risk to the environment and the workforce alike.

TransNet and TE had a range of cable accessories, LED lights, hazardous area products and other off shore specific products on show this year.

There was a lot of interest in the TE off shore cable accessories, this range has been developed over the years to provide products that absolutely stand up to the harsh environments they will be installed in. Adrian Scott from TE Australia was in attendance, Adrian specialises in these products so it was fantastic to have such an experienced and knowledgeable representative on the stand.

There was a lot of attention also given to the CCG

hazardous area cable glands and enclosures. Again it was excellent to have representation from CCG Australia at the expo.

For information on any of the hazardous area products we have, please contact your local rep or our customer service team.



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