

TRANSNET

LV JUICE



August 2014

METREL INSTALLATION TESTER

TEST REPORTING MADE EASY with Metrel's Android App. and blue tooth devices. The MI3102BT Installation tester offers fast, simple and intuitive software with a smartphone App. to assist test reporting and record keeping.



MEASURING FUNCTIONS:

- Insulation resistance with DC voltage from 50 V to 1000 V
- Continuity of PE conductors with 200 mA DC test current with polarity change
- Continuity of PE conductors with 7 mA test current without RCD tripping
- Line/Loop impedance, loop with Trip Lock RCD function
- TRMS voltage and frequency
- Phase sequence
- Power and harmonics
- RCD testing (general and selective, type AC, A, F, B, B+)
- Earth resistance (3-wire and 2-clamps method)
- Specific earth resistance with Ro-adapter (option)
- TRMS leakage and load currents (option)
- First fault leakage current (ISFL)
- Testing of Insulation Monitoring Devices (IMDs)
- Illumination (option).



EuroLink - data manager tool for android tablets and smart phones



GIFT WITH PURCHASE



Spend over \$300 (excl GST) on one invoice this month & receive a free **Drawstring Backpack**

While stocks last

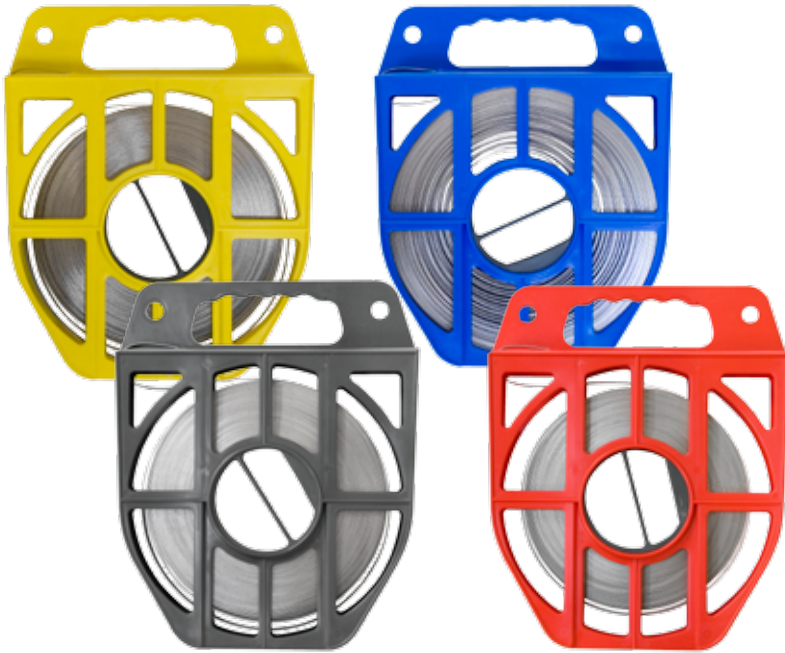


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UTILUX BAND STRAP & BUCKLES

Utilux band straps and buckles are versatile, durable and easy to use. Made of stainless steel to minimise corrosion, there are four sizes available to cover a range of applications.

Strap is supplied in 30m dispensers and buckles in packs of 100.



UTILUX

TE ENERGY
connectivity

BAND STRAP	BUCKLE	SIZE (mm)	REEL COLOUR
H3013M-30/1	H3001/100	9.5	RED
H3016M-30/1	H3004/100	12.7	YELLOW
H3019M-30/1	H3007/100	16	GREY
H3022M-30/1	H3010/100	19	BLUE

UTILUX BAND STRAP TOOL



TIGHTEN,
FIX & CUT
IN ONE GO!!

UTILUX
TE ENERGY
connectivity



- Used to tighten and fix band straps.
- Made of high tensile steel with a machine threaded tension screw
- Accommodates the entire Band Strap Range
- Fast and simple to use
- Tensions and cuts strap once connection is made

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

TransNet Your Partners in Power

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RAYCHEM VALVED HEATSHRINKABLE END CAPS

- Easy to apply and remove
- Bonds directly to the cable jacket eliminating the need for additional components
- UV Resistant
- Sealant lined
- Complete with valve for pressure feeding or testing
- Creates waterproof seal when installed as per manufacturers instructions



Raychem
from TE Connectivity



CAT NO.	APPLICATION RANGE mm	
	MIN	MAX
102K022-135-0/123	16	26
102K049-37-01/123	44	71
102K050-37-01/123	71	90



MVCC – RAYCHEM CONDUCTOR COVERS

Originally designed for use on MV substation leads and jumpers, TE Connectivity's Medium Voltage Conductor Covers (MVCC) provide high quality electrical insulation that is fast and simple to install making them perfect for use on bare conductors on job sites and in switchboards. These covers are made from a non-tracking silicone material that is suitable for harsh outdoor environments. MVCC covers are split for easy installation - simply open them then wrap them snugly around the substrate.

The flexibility of the covers allows for installation on tight bends which is ideal for cramped spaces. Covers are designed to protect energised conductors from flashovers due to contact.

KEY FEATURES

- Superior tracking resistance
- Protection for leads, jumpers & in switchboards
- Simple and quick installation



- Wrap around design for ease of application
- 7.6m length can be cut to size on site
- Perfect for retrofit installations



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RAYRIM – PROTECTIVE SELF-ADHESIVE EDGING MATERIAL

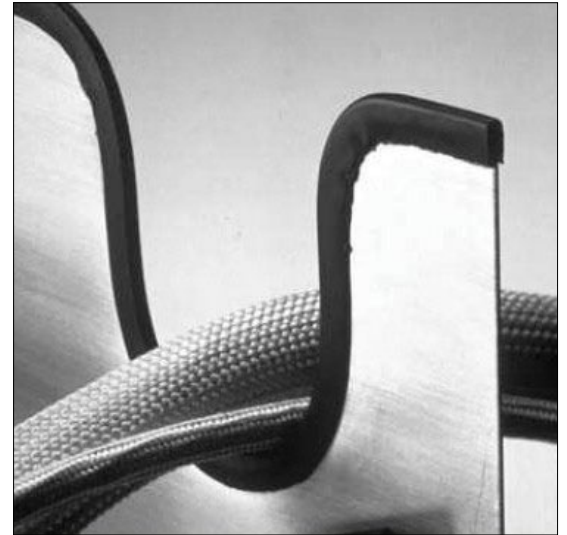
APPLICATIONS

- Rayrim offers a clean and rapid means of covering metal, wood and glass edges for all round protection
- The flexible nature of Rayrim allows application to both internal and external radii, as well as straight edges
- Adhesive lining enables excellent adherence to many substrates

Raychem Rayrim edging material is an extruded strip internally coated with a heat activated adhesive, so that on heating the profile changes from a "V" to a "U" section and the adhesive bonds to the substrate profile.

Manufactured from a Raychem radiation crosslinked polyolefin material, the profile offers a clean and rapid means of covering metal, wood and glass edges for all-round protection.

The flexible nature of the product allows application to both internal and external radii, as well as straight edges, and the continuous operating temperature of -55°C to +80°C [-67°F to 176°F] means that the product can give protection under the most testing circumstances.



CAT NO.	PLATE THICKNESS		LENGTH mm
	SWG	mm	
RAYRIM - NR6 - 0 - STK	30-24	0.31-0.56	1200
RAYRIM - NR7 - 0 - STK	23-16	0.61-1.63	1200
RAYRIM - NR8 - 0 - STK	15-10	1.83-3.25	1200
RAYRIM - NR9 - 0 - STK	9-5	3.66-5.38	1200

Raychem
from TE Connectivity



GURO-CEC – SILICONE PUSH ON END CAPS

FEATURES

- Made from Silicone Rubber
- Used to protect cable ends from humidity during storage
- High elasticity & toughness against crack propagation
- Reusable
- Weatherproof
- UV resistant
- Range taking
- Cable range accommodated is 20-55mm in only 5 sizes



CAT NO.	SIZE RANGE MM Ø
GURO-CEC-20/26	20-26mm
GURO-CEC-24/34	24-34mm
GURO-CEC-30/38	30-38mm
GURO-CEC-38/48	38-48mm
GURO-CEC-44/55	44-55mm

Priced From:

\$10^{.30}
+ GST



Raychem
from TE Connectivity

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TRANSNET CABLE COVER - THE LINK WITH PLASTIC RECYCLING

TransNet Cable Cover (made by Astron Plastics) has an important part to play in recycling.

Our Cable Cover is manufactured in New Zealand from locally sourced used plastic waste. Astron Plastics collects post production and post consumer plastic waste with high levels of HDPE plastics in them to recycle and manufacture into many many new products. One of those products is cable cover for TransNet, Astron have been producing high quality cable cover for us for over 10yrs now and only recently have these environmental good guys been recognised in the NZ Herald for what they do.



TRANSNET CABLE COVER, MANUFACTURED BY ASTRON PLASTICS IS:

- Made in NZ from recycled plastic with a high HDPE content
- No residues or contaminants are present in finished product
- The scrap plastic is collected from around the country and recycled at one of two Astron recycling warehouses, Auckland or Christchurch
- The high content of HDPE in our Cable Cover means it's consistently strong at a minimal thickness to conform to AS/NZ 4702 standard
- Being thinner also makes it lighter, reducing the chance of strain injuries and fatigue for workers
- The Astron factory is ISO 9001 accredited
- We have the ability to manufacture custom widths if required
- All batches are tested and test samples are stored inhouse
- As well as in-house testing, our cable cover is tested at an independent laboratory



Scan QR Code for NZ Herald Feature

STANDARD SIZES AVAILABLE

- | | |
|-------------|-------------|
| 100mm X 25m | 200mm X 25m |
| 150mm X 25m | 300mm X 25m |
| 170mm X 25m | |

*Strip lengths of 1m or 2m are also available (pallet lots only)
*Custom sizes also available



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LEDIL23-180AC - LED HIGH BAY WITH SENSOR

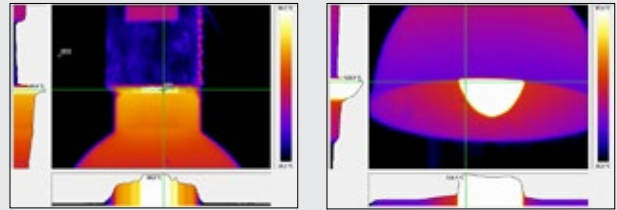


FEATURES

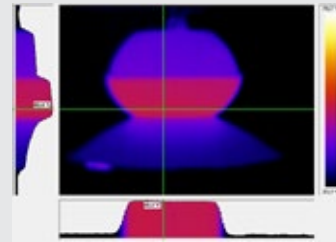
- IP65 Anodised Oxide coated Aluminium housing
- 4mm anti-glare tempered glass lens
- Acrylic lens available by special order if required
- Built in light level sensor constantly monitors light levels coming in through skylights and adjust LED accordingly
- No additional wiring or controls required – simply plug into existing outlet
- 180W at full power, 16W as full dim – light when you need it
- Smooth and seamless transition from maximum to minimum light output

OPERATING TEMPERATURE COMPARISON

Metal Halide High Bay = **129°C**



LEDIL23-180AC = **49.4°C***



*at max output

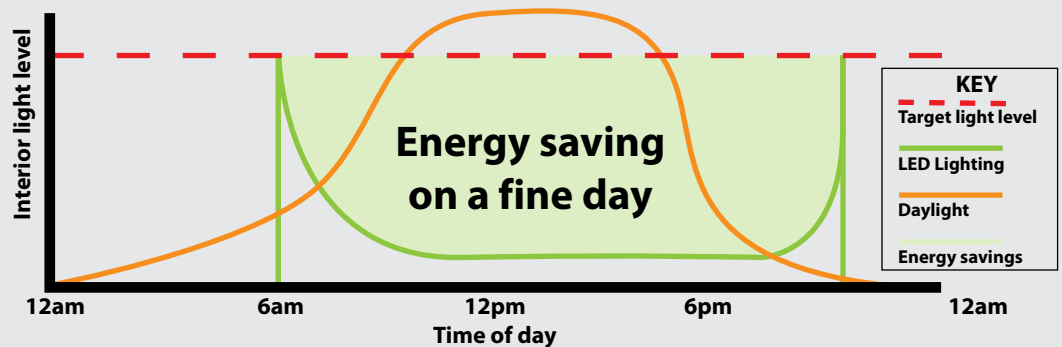
IDEAL FOR:

- Warehouse
- Manufacturing facilities
- Large commercial buildings



**LED
HIGH
BAY**

Daylight Harvesting - When sufficient light is available the artificial light automatically dims to the appropriate level



UTILUX CRIMP DIES - 12T RANGE

- Hexagonal die sets for precision crimping of Copper and Aluminium Connectors, Nest and indent die sets for special Aluminium applications, Special 'steel' dies for crimping steel sleeves
- Die styles designed for standard and flex cables, and designed to fit most Hydraulic Crimp Tools
- Utilux name and die part number are engraved onto the die, leaving an indent on the crimp for easy inspection and verification
- Precision engineered from EN26 high tensile steel, oil hardened to 50-52 Rockwell ensuring long life and minimal die wear
- Special die holders are available that allow the use of '38' series dies in the #408 tool.



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AIR PROPANE HEATING TORCH - WITH PILOT LIGHT

The Xcel-Gas Air Propane (LPG) heating torch is designed to supply a high temperature flame for heating and brazing purposes - perfect for applying heatshrink products.

KIT FEATURES:

- Handle with Pilot Light
- Adjustable Flame
- Adjustable Pilot Light
- 150mm Neck Length
- 38mm Ø Stainless Steel Burner
- Supplied with 3m Hose

Using propane (LPG) fuel gas mixed with atmospheric air produces a powerful and highly stable flame even in the most adverse conditions. It is a proven design incorporating the latest technical features. The heating torch handle is fitted with an adjustable pilot light for a soft flame burn, depressing the lever delivers full gas flow to supply the flame. The flame is adjustable by the needle valve located on the torch handle. The ergonomic, and modern functional design permits secure, steady and effortless control by hand and the balanced weight enables the operator positive and comfortable working conditions for continuous operation. Xcel-Gas equipment is produced using the most up-to-date production and testing facilities to ensure a reliable, versatile, affordable, high performance product.



Product # XG-PH01-8A

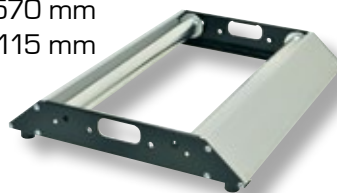
\$357.14
+ GST

DECOILERS - CABLE DRUM ROLLERS

Ease of use and a low weight are fundamental characteristics of this product. The front and rear sides are made of anodised aluminium with antiskid ribs. For the left and right sides, sink steel with powder coating has been used. Because of this construction, they are strong and flexible. The rollers have bearings and a sliding axis, which make it easy to change their position without any special tools. Four antiskid buffers ensure that vibrations are subdued whilst also protecting floors.

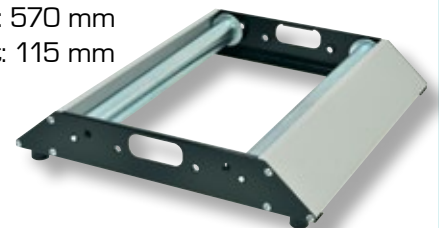
Product # 143400

Length: 610 mm
Width: 570 mm
Height: 115 mm



Product # 143402

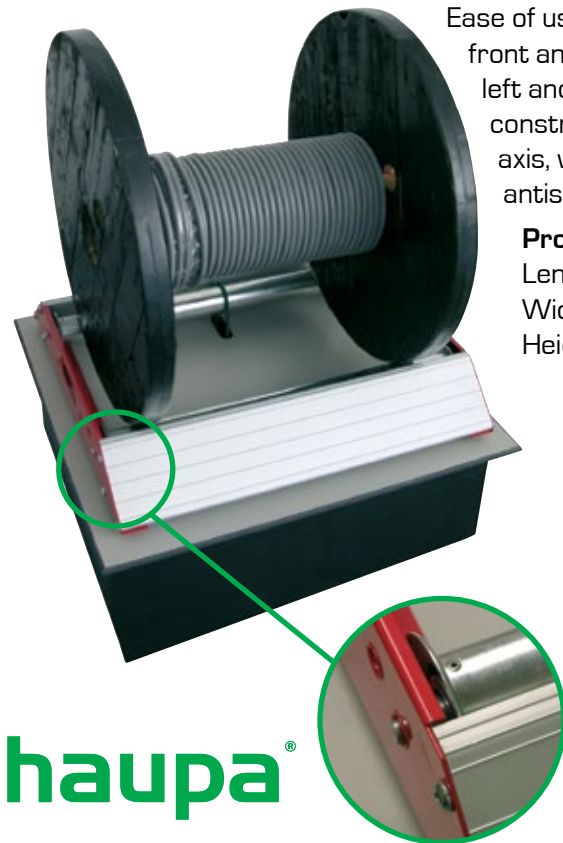
Length: 705 mm
Width: 570 mm
Height: 115 mm



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



haupa®

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ECANZ Apprentice Challenge, 13-14 August – Claudelands, Hamilton

After nine preliminary competitions around the regions it's time for the best of the best to come together and go head to head for the title of ECANZ Apprentice of the Year 2014.

There are again two divisions in this competition – Domestic-Commercial and Industrial, and the contenders look just as sharp for both divisions.

Grand finalists of the preliminary rounds will travel to Hamilton for the National final which will be held at Claudelands on August 13-14. Both winners, second and third place getters each receive travel vouchers, industry recognition and other cool prizes. All finalists receive awards and industry recognition. Employers and training providers of every apprentice that makes it to the finals will receive industry recognition, and certificates.

TransNet and TE are once again proud to be involved with this competition, it's great to see up and coming electricians striving to be the best in their field, the calibre of which seems to improve every year.

TransNet and TE will be running one of the main events at the finals – the connection to the network where the competitors will be tasked with putting together two heatshrink joints ready for connection to a distribution service pillar or switchboard.

With 5 finalists in each of the two divisions there is going to be some fierce rivalries and some great friendships forged over the two day event. Get down to Claudelands and support this fantastic event, after all these competitors are the future of our industry.

For more information on the event, check out the apprentice challenge website www.ecanzchallenge.co.nz



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