



LV JUICE



APPLIANCE TEST TAGS

HEAVY DUTY

Suitable for Hostile Environments - ideal for factories & construction sites
Constructed from 350 Micron PVC and coated with extra strong adhesive for superior durability



FEATURES

- Unique tag numbers aid record keeping
- Laminated with a seal down security flap
- Self Laminating to protect printed information
- UV stable
- Supplied in re-sealable packs of 100 with permanent marking pen
- All tags manufactured to AS/NZS 3760 & AS/NZS 3012

STANDARD

Suitable for most environments
Constructed from cross-laminated high density Polyethylene providing superior tear resistance

BUY TWO PACKS OF TEST TAGS
GET A PACK OF CHOC BLUEBERRIES FREE



WHILE STOCKS LAST

Customised tags available, contact us for more info.

FREE
WHILE STOCKS LAST



STAINLESS STEEL DRINK BOTTLE
When you spend over \$500 (excl GST) on one invoice this month

www.transnet.co.nz



This Month

- NEW! STREETLIGHT CONNECTION UNIT PAGE 2
- A1532 EVSE ADAPTER PAGE 5
- SOLUFLEX CABLE FLOORING SYSTEM PAGE 8

100% NEW ZEALAND MADE



FUSED STREETLIGHT BOARD



Light poles are classified as an 'electrical installation' under electricity regulations, meaning they carry highly specific legal requirements in relation to earthing, protection and isolation devices.

"An electrical installation needs an isolating device, formal protection, an earth neutral bar, and an earth stay," and the TNSPLKIT is just the answer!

FEATURES

- Removable MEN link
- Fuse carrier includes 6A 10x38mm barrel fuse link
- All brass electrical connections
- Fuse carrier terminal capacity 1-25mm²
- Noark fuse carrier meets requirements of IEC/EN 60947-3
- Rated to 32A
- Stainless steel spring loaded mounting hook
- Dimensions: 285H x 50W x 90-110D* (mm)

*90mm closed, 110mm open

CAT NO. #TNSLPKIT



FD150-1-NZ SINGLE PHASE STREETLIGHT CUTOUT

This Charles Endirect cutout is designed to be strong, durable, easy to install, and meets the full requirements of BS 7654.

Featuring a secure and quick release carrier to provide safe and easy access to fuses and outgoing terminals.

With safety at the forefront of the design process, the special cam operated fuse handle ensures electrical disconnection is achieved before the unit is opened and the fuse carrier extracted.

TECHNICAL SPECIFICATIONS

- Single pole isolation
- Single fuse (BS 88 Part 1, AC 16 tag type)
- 25A max fuse rating
- Electroplated brass terminals with serrated bores for better cable retention
- PVC grommets at cable entry points
- Designed and tested in accordance with BS 7654: 1997
- Outgoing cables exit below horizontal to ensure drip loop is formed
- IP22 rated
- Sealing wire facility
- Max cable size is 10mm²

*Two pole double fuse option available

CAT NO. #FD150-1-NZ





FIRE RETARDANT INTUMESCENT DOWNLIGHT COVER

Ryanfire's Ventilated Downlight Covers are designed to fire rate downlight fixtures and reinstate the performance of ceilings when penetrated by recessed downlights. Available in two sizes, these covers suit a wide range of lighting products over and above those covered by fire rated downlights, and have been designed to provide two hours fire integrity to circular downlights up to 200mm diameter.

The covers are simple to install and can be retrofitted into position, providing effective performance even if the downlight is removed and replaced. They prevent combustible materials from coming into contact with hot downlights - thus minimising fire risk. The downlight covers are ventilated to allow heat to disperse from the light, but in the event of a fire the intumescent material expands to seal off the ceiling cut-out and vent holes.

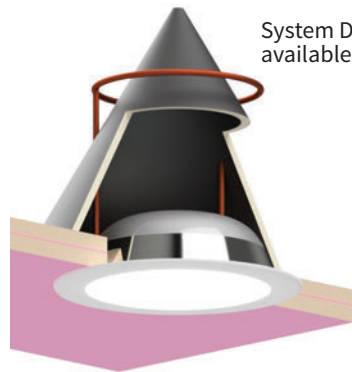
Sprung steel stiffeners allow the downlight cover to be folded and easily pushed through the openings created for the light unit.

FEATURES

- No site assembly, speeding up work and saving costs
- Available in two sizes to suit most situations
- Clear instructions aids fast installation

APPLICATIONS

Can be installed from the room side or soffit face of a suspended ceiling, making installation quicker and easier than conventional solutions which require access from inside the ceiling void.



System Drawing V62 - available on request



Cat No.	Description
FTDLCOVER200	FIRE RATED DOWNLIGHT COVER 200X200MM
FTDLCOVER250	FIRE RATED DOWNLIGHT COVER 250X250MM

ACOUSTIC FIRE PAD

These non-setting intumescent putty sheets are designed to be a cost-effective and efficient method of firestopping electrical sockets in dry wall fire-rated partitions.

FEATURES

- Up to 1 hour fire protection
- Choice of installation methods
- Simple to install
- Suitable for most drywall applications
- Acoustic rated with weighted sound reduction index of 65 in accordance with EN/ISO 7171-1
- Tested to AS1530.4-2005 & AS4072.1-2005

APPLICATIONS

Acoustic Fire Pads can be fitted around the outside of a metal TransNet flush box to achieve both an Acoustic and Fire rating.

These pads are rot proof, do not sustain vermin, and will not encourage the growth of fungi, mould, or bacteria. They are not a health, spill, or environmental hazard.

ACOUSTIC ASSESSMENT IN DRYLINING PARTITION

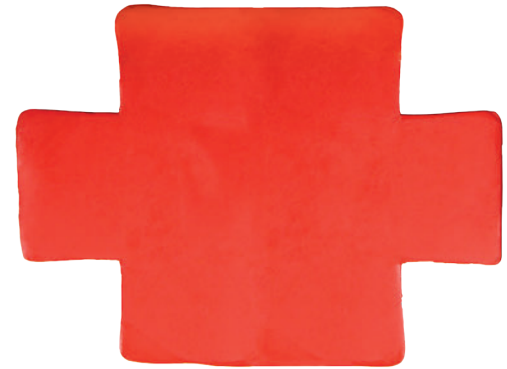
Based on airborne sound insulation measurement results contained in BRE Report 224463 from laboratory tests done on three electrical sockets lined with 2mm Firetherm Putty Pads.

R_w dB	R_w+C_{tr} dB
65	57

Three electrical sockets lined with 2mm Firetherm Putty Pads were installed on both sides of the partition.

R_w Weighted sound reduction index: A single number quantity that characterises the airborne sound insulation of a material or building element in the laboratory.

$R_w + C_{tr}$ Single number quantity that characterises the A-weighted level difference between source and receive rooms when the sound source has the spectral content of road traffic noise.



Cat No.	Description
FTPPADLGE	ACOUSTIC PUTTY PAD LARGE/EXTERNAL



LV BIMETAL MECHANICAL LUGS

A TRULY BIMETALLIC FRICTION WELDED CONNECTOR

VCXI lugs consist of an aluminium barrel linked to a copper palm by friction welding technology. The aluminium barrel is provided with a shear head bolt controlling the tightening torque.

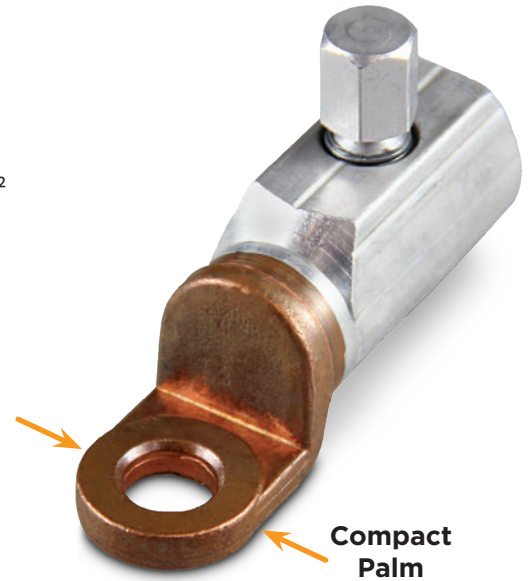
APPLICATIONS

For indoor LV applications up to 1kV

LV connection on busbar inside electrical panel and on compact type circuit breaker (new generation)

FEATURES & BENEFITS

- Accepts aluminium and copper cables
- Copper palm compatible with the palms of the apparatus to be connected
- Only 5 lugs will connect from 25 to 500mm²
- Can be fitted into the new generation of compact type circuit breakers
- Inner surface of aluminium barrel is grooved at the manufacturing stage and greased to ensure a good electrical contact with wire to be terminated
- Tightening torque controlled by shear head system
- No special tooling needed
- Only one bolt to tighten



Cat No.	Cross Section Range (mm ²)		Stud Size LB
	Aluminium	Copper	
VCXI-11-M6	25-70	25-50	M6
VCXI-14-M10	50-120	50-95	M10
VCXI-18-M10	95-185	95-120	M10
VCXI-22-M12	150-300	150-185	M12
VCXI-29-M16	240-500	240	M16



UNIVERSAL SERVICE BRANCH CONNECTOR, 1KV

This range of connectors is used for incorporating one or two service take off connections onto LV mains cables.

FEATURES

- Composed of an Aluminium alloy body with Aluminium alloy bolts
- Suitable for Al or Cu conductors when used with resin joints
- Designed to meet the requirements of BS4579 Part 1 and Part 3 and engineering recommendation C79
- Can be installed under live working conditions (following suitable procedures)
- Suitable for applications up to 1kV

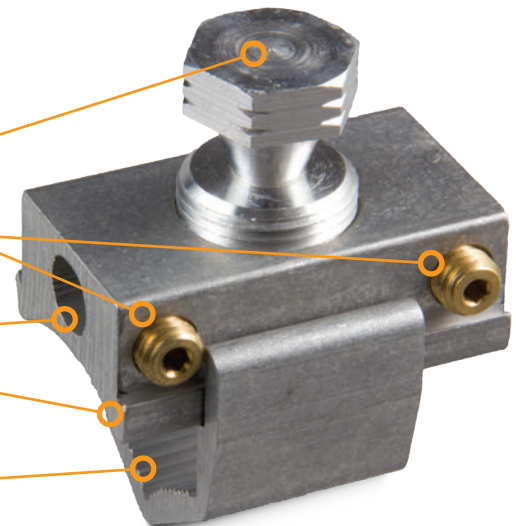
Shearhead bolt - snaps when correct torque is reached

Service Takeoffs - up to two service takeoffs catered for

Service Cable - caters for 6-35mm² service cables

Main Cable - range caters for 35-400mm² main cables

Ridged Contact Area - Enhancing contact point with conductor



Cat No.	Number of Service Take Offs	Dimensions (mm)			Application Tool	Cable Size (mm ²)	
		L	H	W		Main	Tap Off
USB95D	DOUBLE	44	35	26	13MM SOCKET	35-95	6-35
USB185D	DOUBLE	51	40	35	19MM SOCKET	35-185	6-35
USB300D	DOUBLE	51	45	41	19MM SOCKET	70-300	6-35
USB400D	DOUBLE	51	53	41	19MM SOCKET	185-400	6-35



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





A1532 | FOR ELECTRIC VEHICLE SUPPLY EQUIPMENT

The A 1532 EVSE adapter is a special accessory intended for testing Electric Vehicle Supply Equipment (EVSE) together with supported METREL installation testers. It is used for verification of electrical safety and functional testing of EVSE. It is intended for testing Mode 3 EV supply equipment with a type 2 connector.

If used together with the MI 3152 EurotestXC's AUTO SEQUENCE®, the complete EVSE charging station can be tested (state-by-state) electrically and functionally with a push of a button. It is possible to create a professional station-based report with MESM.

KEY FEATURES

- Banana socket outputs for connection to 3-phase installation tester
- Voltage indicators on EVSE output
- Proximity Pilot resistance selector for simulation of EV cable presence and current rating detection
- Control Pilot resistance selector for simulation of electric vehicle status
- Socket output for connection to a 1-phase installation tester (Phase 1, Neutral, PE)
- Type 2 Male Plug connector for connection to EVSE
- 6 mA EV RCD** support
- Functional tests** support*
- EVSE AUTO SEQUENCE®** support*
- MESM report** creation**
- Basic support:**
 - A 1532
- Partial support:**
 - 6 mA EV RCD
 - EVSE report**
- Full support:**
 - Functional test support
 - EVSE AUTO SEQUENCE® support

APPLICATIONS

- On-site testing of EVSE charging station installation
- Initial and periodic testing of private, semi-private and public EVSE charging stations

STANDARDS

Safety

- EN 61010-1

Functionality

- EN 61851-1



	Supported Instruments										
	MI3101 EurotestAT	MI3105 EurotestXA	MI3125 EurotestCOMBO	MI3100SE EurotestEASI	MI3100SE EurotestEASI	MI3125 BT Eurotest COMBO	MI3102H BT EurotestXE 2.5kV	MI3102 BT EurotestXE	MI3152H EurotestXC 2.5kV	MI3152 EurotestXC	MI3155 EurotestXD
A5132 EVSE adapter	•	•	•	•	•	•	•	•	•	•	•
6mA RCD	•	•	•	•	•	•	•	•	•	•	•
Functional Test	•	•	•	•	•	•	•	•	•	•	•
EVSE AUTOSEQUENCE	•	•	•	•	•	•	•	•	•	•	•
EVSE report	•	•	•	•	•	•	•	•	•	•	•

* Functional tests and AUTO SEQUENCE® are supported only on the MI 3152 EurotestXC and MI 3152 H EurotestXC 2.5 kV testers.

** Report printing is only available via the MESM PC SW. The MESM license (P 1101) is to be purchased separately.





STAINLESS STEEL TURNBUCKLES

These 306 Stainless Steel turnbuckles come in three sizes and are sold in packs of 10. Also available in Galvanised Steel, please contact us for more information.

FROM \$6.30
PLUS GST



Cat No.	Thread Diameter (mm)	Material	Eye I/D (mm)	Buckle Length (mm)	Buckle Width (mm)
TNTB5	M5	304 STAINLESS STEEL	9	71	15
TNTB6	M6		11	92	18
TNTB8	M8		15	121	21

STAINLESS STEEL D SHACKLES

Available in five sizes, these Stainless Steel D shackles are sold in packs of 10. All test reports are available on our website.

FROM \$2.23
PLUS GST



Cat No.	Pin Diameter (mm)	Material	Length (mm)	Load Rating (kN)
TNSHK4	4	316 STAINLESS STEEL	28	10
TNSHK5	5		34	14
TNSHK6	6		38	20
TNSHK8	8		48	42
TNSHK10	10		65	70



INSULATED ORANGE SCREW CONNECTORS

These heavy duty insulated screw connectors will accommodate up to 2x6mm² conductors and are rated for normal 230/240V applications. The transparent orange plastic housing allows for a visual check of the termination. Single and double screw with clear transparent housing also available, please contact us for more information.

Material: Brass connections, PVC body/housing

FROM \$17.70
PLUS GST



Cat No.	Description	Colour	Pack Size
SC1OR	SINGLE 32A SCREW CONNECTOR	ORANGE	100



UTILUX PRE-INSULATED TERMINAL CRIMPER

A must have tool for every tradesman, this ratchet type tool for pre-insulated and supergrip terminals ensures a complete crimp every time.

FEATURES

- RANGE: 0.5mm² – 5.5mm² (Red, Blue & Yellow pre-insulated)
- CRIMP TYPE: Oval on conductor/ diamond on insulation
- LENGTH: 230mm
- WEIGHT: 550g



Product #102/1

\$69.00
+ GST

UTILUX COPPER LUG RATCHET CRIMPER

This ratchet type tool is suitable for un-insulated Copper lugs (CG series). The long handle requires less crimping effort.

FEATURES

- RANGE: 0.5mm² – 10mm²
- CRIMP TYPE: INDENT
- LENGTH: 250mm
- WEIGHT: 700g



Product #168/1

\$245.00
+ GST

UTILUX COPPER LUG CRIMPER

Utilux's hand operated mechanical lever tool is suitable for Copper lugs and links (CG and CK series). It includes a built in, selectable crimp die set for a range of lug and link sizes.

FEATURES

- RANGE: 6mm² – 50mm²
- CRIMP TYPE: HEXAGONAL
- LENGTH: 410mm
- WEIGHT: 1.4kg



Product #21/1

\$175.00
+ GST

PREPARE TO BE FLOORED

Soluflex Cable Floor System



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Much more than just a raised floor, this innovative new system integrates low-level flooring with market leading cable management solutions. Cables for power, data, and telecoms can be structured in a logical, ready-to-use layout hidden from end users.

QUICK AND EASY INSTALLATION

You don't have to be a flooring expert to install Soluflex. Simply place supports on the floor and click the durable steel tiles into place (without the need for glue or fixings). Once the floor has been laid, the required cabling and connections can be installed between the supports by removing the relevant tiles until cabling is complete. The finished installation can then be covered with any type of floor covering: carpet tiles, rubber, stone or wood. If the office layout changes, or relocates Soluflex can be reconfigured and re-used.

FREEDOM OF DESIGN

Soluflex creates well organised, multifunctional rooms where users will always have sufficient connection points. At the design stage it's no longer

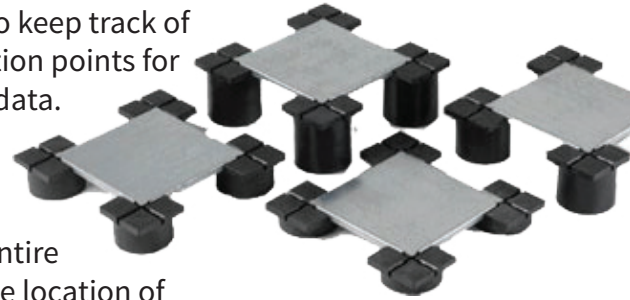
necessary to keep track of the connection points for power and data. Cabling can be installed anywhere under the entire floor and the location of connections can be determined at any stage.

SAVE TIME. SAVE MONEY

Soluflex offers considerable time-savings as floors and cables can be installed virtually simultaneously. The supports and tiles are wear-resistant, offering long-term savings. Adding or restructuring connection points can be done in a matter of minutes, without cutting or breaking cables – often without the need to shut down power or data.

IDEAL FOR RENOVATION

Ideal for use in existing buildings, Soluflex's non-invasive installation technique avoids damaging historic floors and includes a specially developed, ultra-low 37mm system...the perfect lightweight solution to bring older buildings into the 21st century without compromising floor to ceiling height.



Manage Cables Better

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