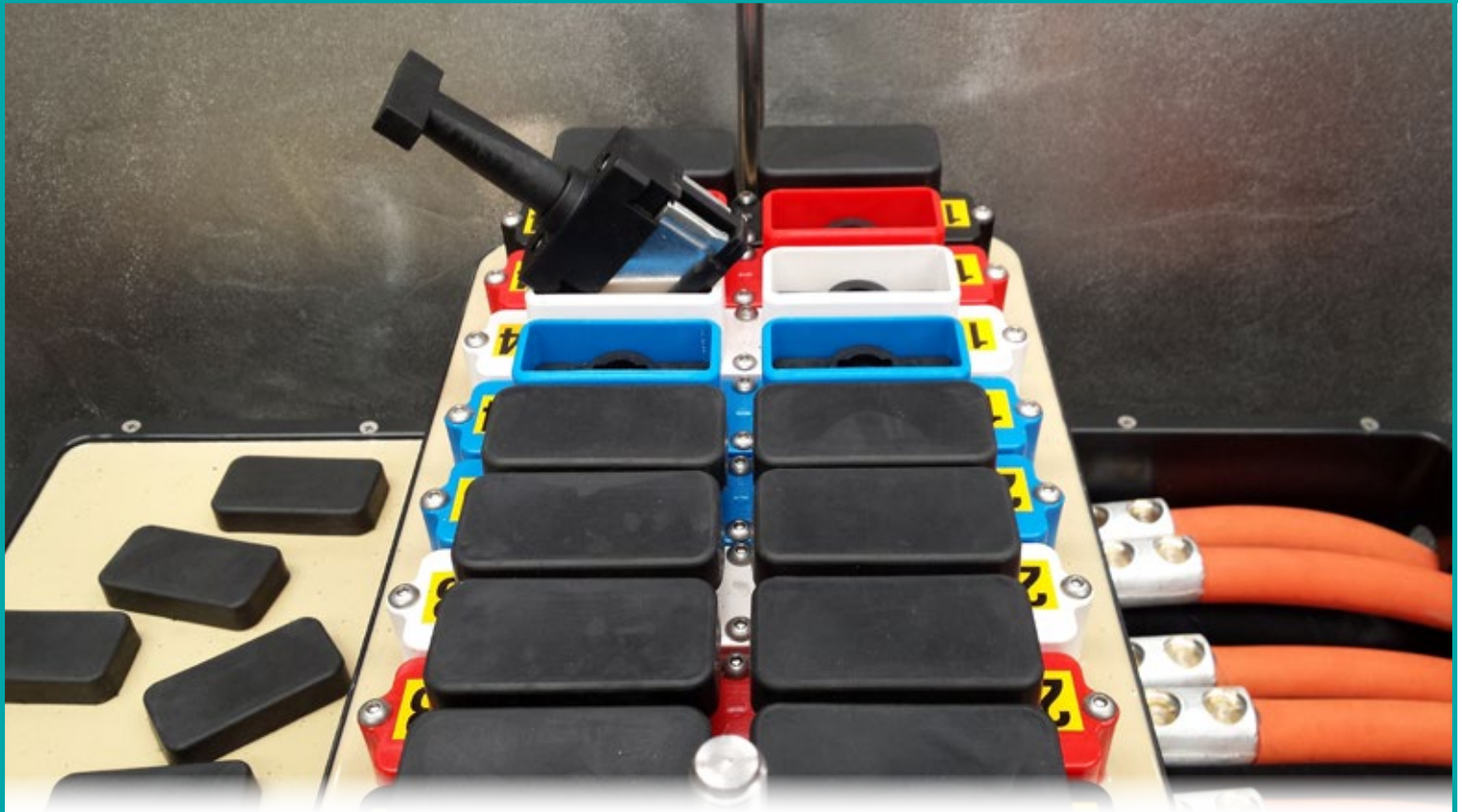


TRANSNET

HV JUICE

February | March 2014



NEW!! Fast, Safe,
Economical **LV Link**
Box By TE Connectivity



Raychem
from TE Connectivity



Raychem GelPort – Now up to 300mm²



www.transnet.co.nz

TE LV LINK BOX – For Underground LV Networks

Designed collaboratively with our Australian utility customers and refined for the New Zealand market, the new TE Link Box range absolutely meets the requirements of LV distribution networks.

A complete LV switching and isolation system that is safe for the user, fast, easy and economical to install, offers numerous benefits to the asset owner. Designed to be used in a 3 phase, 400 Volt, 50 Hz MEN distribution system to isolate and parallel LV feeders – predominantly used for standard switching and load balancing.

Adjustable modular pit design allows for uneven and unconfirmed final ground levels. Pit enclosure and lid meet B125 and EN124 standards.

Features:

- Collaboratively designed with utility customers
- Depth of pit can be tailored to the requirements of each installation by adding or removing enclosure modules.
- Touch safe fittings and no exposed live metal work
- Fast, safe and economical to install
- Complete LV switching and isolation system
- 185mm² to 300mm² main cable
- Flush with the ground
- Pit is made of durable HDPE plastic
- Concrete lid can hold 45N/mm² and comes with an identification plate cast into it
- Stabilising base pad included with every kit
- Complete with circuit I.D. labels
- Jacking screws allow lid to be adjusted to uneven ground levels.
- Cam Lock links tested to 600 amps
- Available pre-tailed if required
- Fully submersible Diving Bell system
- Functional switching ability allows for easy sectionalising during fault conditions reducing outage times.
- All products come with a installation instruction and components list
- Onsite technical support from TE technical team available
- Complies with all applicable international standards: EN50393:2006, EC60439.5:2006, Ed2.0, C.81/3:1996
- Pit and Lid meet B125 & EN124 standards

Pit Dimensions

762mm Long X 609mm Wide X 564mm High

Catalogue Ref.	Description
TAP10710	TAP 4 WAY UNDERGROUND LINK BOX
TAP10710NZ-TAILED	TAP 4 WAY UNDERGROUND LINK BOX TAILED

ADJUSTABLE DEPTH



DIVE BELL LID



CAM LOCK LINK



Raychem
from TE Connectivity



Ph 0800 442 182
+64 9 274 3340
sales@transnet.co.nz



www.transnet.co.nz

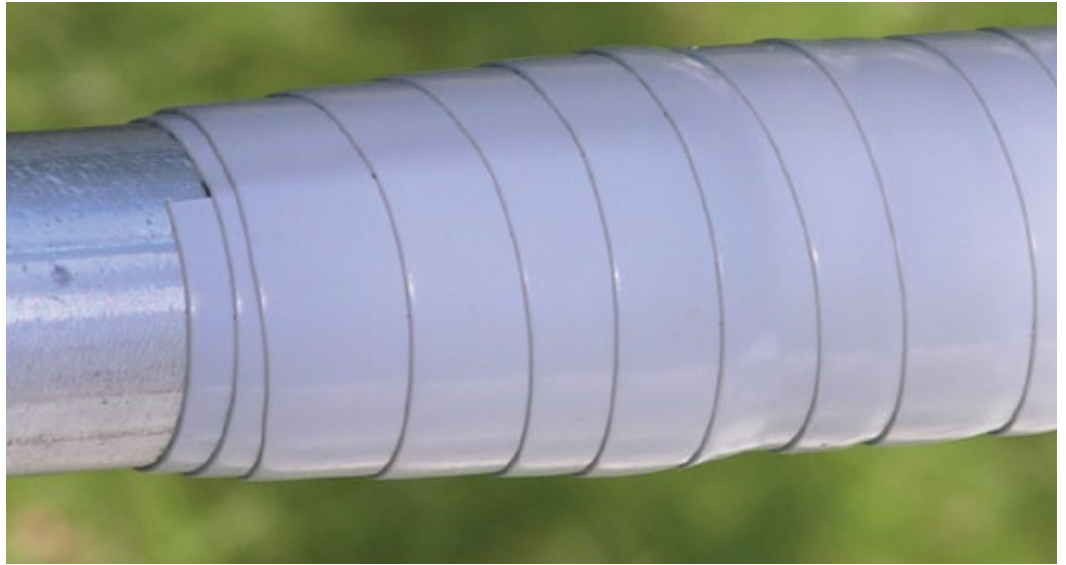
MVFT – Medium Voltage Fusion Tape

Medium Voltage Fusion Tape (MVFT) is a self amalgamating tape, which provides insulation enhancement and protection against accidentally induced discharge. MVFT tape is designed to combine the integrity of a Silicone polymer with the versatility of a wraparound product.

MVFT tape is quick and easy to install. Upon application the tape amalgamates the overlapped layers together, producing a complete seal. A single layer of MVFT tape, two-thirds overlapped, will provide AC

voltage withstand (flashover protection) to at least 15 kV increasing to 35 kV if a second layer is applied.

Although MVFT tape will stick to itself and other insulating materials, it will not adhere to metal or porcelain allowing easy removal for maintenance.



APPLICATIONS

MVFT tape offers a simple and effective solution to the problems of retrofit insulation of busbars particularly where existing equipment cannot be dismantled. It can be used for indoor and outdoor applications and is easily installed over a wide variety of shapes including complex connections.

FEATURES

- Compatible with all other products in the Raysulate MV insulation enhancement system.
- Suitable for both indoor and outdoor use.
- Non-tracking properties.
- Continuous operating temperature up to 90°C.
- Roll is 50mm wide X 11m long.

Raychem
from TE Connectivity

TE ENERGY
connectivity

1000V 1/2" DRIVE SOCKET SET

Set contains 15 pieces

- 1 x Reversible ratchet
- 2 x Extensions 125mm & 250mm
- 1 x T-Shaped Lever
- 8 x Sockets, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm, 22mm
- 3 x Sockets for Allen Screws, 5mm, 6mm, 8mm

Comes in sturdy, protective plastic carry case, total weight 4.4kg with case dimensions of 450x350x100mm.

Dual colour insulation for easy visual identification of damage



ISOTOOLS... ▶ und sicher !

Ph 0800 442 182
+64 9 274 3340
sales@transnet.co.nz

TransNet Your Partners in Power

www.transnet.co.nz

ERICO – Cadweld Plus Range

TransNet have long been supplying Cadweld Plus® to the NZ utility market. We are now the sole distribution channel for Contract Connections here in New Zealand.

We have facility to offer rental kits, training and any special molds you may require.

The team at Contract Connections are on hand to assist with determining correct product for your application so if you're unsure what you might need just give us a call.

The Wricon range is a Contract Connections brain child and we have the full range available as well as facility to have custom requirements met.

PRODUCTS

- **Molds** – custom and standard, made to specifically accommodate New Zealand cable
- **Ignitor units** – and all associated Cadweld Plus® accessories
- **Rental Kits** – rent when you need it
- **Starter Kits** – if you want your very own set of Cadweld Plus® gear, simply purchase one of these kits
- **Wricon** – with and without plates, standard and custom length cables, the range is extensive.



CADWELD® PLUS ONE SHOT RANGE

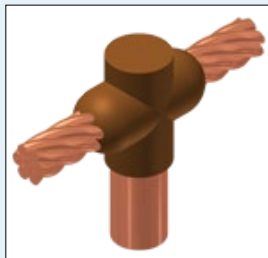
Earth Connections made easy – the CADWELD® PLUS system boasts an electronic ignitor unit, making it extra safe for your staff to install earth connections.

CADWELD® PLUS ONE SHOT produces a permanent exothermic connection to a ground rod that will not loosen, corrode or increase in resistance for the life of the installation. The convenient single-use package makes the connection without the need for a graphite mold.

CADWELD® PLUS ONE SHOTS are designed for small numbers of connections. When multiple connections are needed, a mold is necessary as outlined above.

FEATURES

- Durable disposable ceramic body eliminates the need for a graphite mold
- Produces a permanent connection that will not loosen or corrode over time
- Easy to use electronic ignition
- NEC compliant and UL listed product range
- Convenient and simple to use
- Comes complete with weld metal



TEST & MEASUREMENT – Utility Specific Range

TN895PR

Safety is always a priority in electrical work environments. With its non-contact clip design, the TN895PR has been designed to ensure greater safety for its users. It eliminates any electrical or short circuit accidents caused by accidental contact between two metal points.

- Non-contact detector clips.
- Dual functions: Open phase and phase sequence detection.
- Designed for checking a wider range of 3-phase power source from 75V to 1000V AC.
- LED display lights with buzzer indicator.
- Brightness button feature for better visibility in dimly lit areas or sunlight.
- Magnetic mounting feature. No metal contact points which promotes greater safety.

The TN895PR Safety Phase Detector provides greater safety from potential electrical shock with its non-contact clips.



TN275NZHP – HIGH VOLTAGE DETECTOR 240V 220KV Features

- 9 Voltage settings : 240V AC, 3.3kV, 6.6kV, 11kV, 22kV, 33kV, 66kV, 110kV, and 220kV
- High bright LEDs and Sound Indication
- Self-test selection
- Easy access to 3 x 1.5V 'C' batteries
- High impact nylon casing
- Sealed by 'O' rings
- Non-contact work by proximity
- Light weight, robust, & compact
- Suitable for indoor and outdoor use
- Detect low voltage on any systems
- Weight :Approx. 500g
- Meets EN61000-3-2, EN61000-3-3, EN613261, EN55011, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11



MI3200 – INSULATION TESTER

- Measuring range up to 10TΩ
- Wide range of DC test voltages: from 500V up to 10000V in steps of 25V
- Programmable ramp test voltage 500V–10kV & programmable threshold current
- Step voltage: insulation resistance measurement with five discrete proportionately set test voltages and programmable timer per step
- Automated testing, PI, DD, DAR calculations with single display
- Guard test terminal: for elimination of potential surface leakage currents
- Fully programmable step voltage and withstanding voltage test functions
- Graph R(t): real time resistance against time graph plotting facility
- Built-in timer: programmable timer from 1s up to 30min
- Automatic discharge of tested object after test
- Fast testing: 5mA current source for quick charging of capacitive load
- CAT IV 600V voltage protection
- Built-in charger & rechargeable batteries



MXSU – Transition Joints with Mechanical Connectors

MXSU is based on a joint design encompassing mechanical connectors and heatshrink technology;

- Mechanical connectors for conductor and wire shield are supplied with the kit
- Kits are widely range taking and cover most cable constructions reducing inventory costs
- Robust heatshrink construction, ideal for direct burial
- Has unlimited shelf life
- No crimp tools or tool maintenance required
- Compact overall joint dimensions for ease of installation
- Triple extruded insulating tubes improves installation reliability
- Meets and exceeds all applicable international test standards including CENELEC HD 629 or IEC 60502-4.

PRODUCT CODE	NO. CORES	XLPE	NO. CORES	PILC
MXSU-12A-1X-3B	1	16-95	3	16-70
MXSU-12A-3X-3B	3	16-95	3	16-70
MXSU-12B-1X-3B	1	50-150	3	70-120
MXSU-12B-3X-3B	3	50-150	3	70-120
MXSU-12C-1X-3B	1	95-240	3	95-185
MXSU-12C-3X-3B	3	95-240	3	95-185
MXSU-12D-1X-3B	1	150-300	3	150-240
MXSU-12D-3X-3B	3	150-300	3	150-240
MXSU-12E-1X-3B	1	240-400	3	240-300
MXSU-12E-3X-3B	3	240-400	3	240-300

Raychem
from TE Connectivity

TE
connectivity ENERGY



Feature	Benefit
<ul style="list-style-type: none"> • MXSU transition joint designed to suit STA, SWA and non armoured paper insulated cables. 	<ul style="list-style-type: none"> • No need to carry a number of different kits for the different types of armours.
<ul style="list-style-type: none"> • Joints incorporate a new range taking, adjustable 'grid' design, stainless steel armour support ring. • Accepts a wider range of cable diameters. 	<ul style="list-style-type: none"> • Can be installed/retrofitted after installation of joint due to split design. • Less Joint Components. • Faster installation time.
<ul style="list-style-type: none"> • Joints include 3 x pre-solder blocked earth braids. For use on paper lead cables, metal sheath. 	<ul style="list-style-type: none"> • Eliminates the need to construct water blocking on site. • Less installer sensitive. • Faster installation time.
<ul style="list-style-type: none"> • Kits include a wedge insertion tool for easy placement of yellow void filling wedges. 	<ul style="list-style-type: none"> • Reduces the possibility of incorrect placement of wedge. • Prevents possible damage to cable cores during installation.
<ul style="list-style-type: none"> • Fully type tested to international standards. • Type tests available on request. 	<ul style="list-style-type: none"> • Reassurance of quality components and complete solution EVERY TIME. • Complete solution in one box, no need to source other components. (Mech connectors included in kit) • Meets or exceeds all current international standards.
<ul style="list-style-type: none"> • Rayfit triple extruded screened/insulating sleeves. 	<ul style="list-style-type: none"> • Provides higher recovery force (hoop stress). • Easier to install. • Faster installation time.
<ul style="list-style-type: none"> • Shorter cutback dimensions. 	<ul style="list-style-type: none"> • Less civil works. • Faster installation time.

Ph 0800 442 182
+64 9 274 3340
sales@transnet.co.nz



www.transnet.co.nz

CCG CABLE GLANDS – Injection Resin Barrier Glands

EXPLOSION PROOF CABLE GLANDS

Quick[™]
Stop-Ex
Injection Resin[™]

Barrier Glands

for unfilled hygroscopic cables

100% Safe and Effective

QuickStop-Ex[™] liquid resin flows into and fills all the voids in unfilled multi core cables displacing all air and guaranteeing a 100% perfect barrier seal. Unlike traditional putty filled barrier glands requiring specialized skill and care to install.

Ease of Use

QuickStop-Ex[™] Injection Resin[™] is held in injection tubes and with a vortex mixing nozzle it requires just one hand to mix and apply. Unlike sachet mix liquid resins requiring two hands to mix.

Instant Accurate Mixing and Simultaneous Injection

QuickStop-Ex[™] Injection Resin[™] is instantly and accurately mixed and then simultaneously injected in just one action through the vortex mixing nozzle, completely eliminating the time taken as well as the risks involved which are prevalent when premixing other forms of resins.

Quick Setting

QuickStop-Ex[™] Resin sets in just minutes, at 20°C it takes 15 minutes and at 40°C it takes just 8 minutes to set.

Longer Shelf Life

Because QuickStop-Ex[™] Injection Resin[™] is held in two separate mixing tubes, there is no risk of diffusion between the resin and the activator, as is the case with a sachet mix system. Therefore there are no cumbersome cold storage requirements.



Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex tb IIIC Db



Scan For
Install
Video

CCG
CABLE TERMINATIONS

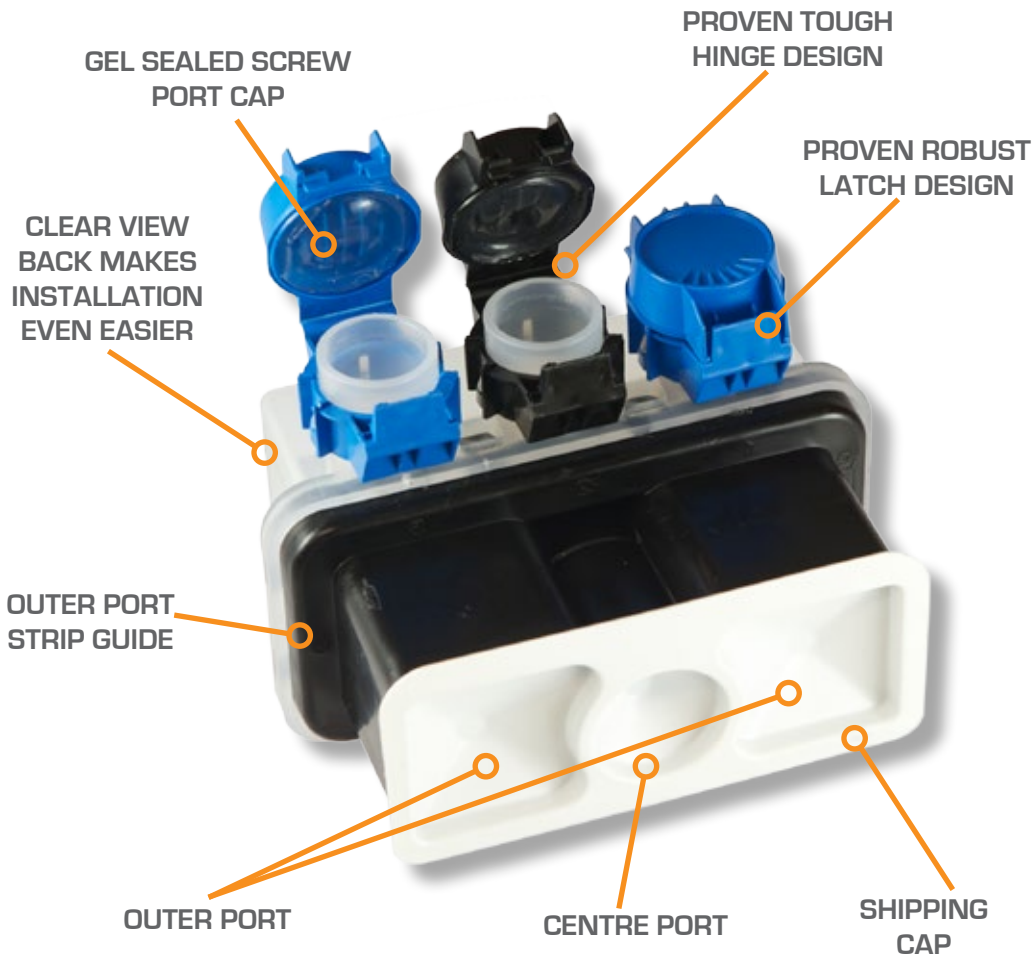


Ph 0800 442 182
+64 9 274 3340
sales@transnet.co.nz



www.transnet.co.nz

GELPORT – For 300mm² Main Cable



RAYCHEM GELPORT – BIGGER AND BETTER! Strip the cable, push it into the gel-filled cable port, tighten the bolt and close the cap – it really is that simple!

FEATURES

- 2xPorts accommodate 185-300mm², 1xPort accommodates 16-185mm²
- Corrosion resistant
- No loose parts due to one piece housing
- Gel-filled cable entry ports provide a reliable cable seal
- Clear view back for fast, positive visual indication of wire position in connector
- Voltage range: 600V
- Tested up to 700A



TransNet New Zealand Ltd Auckland

20 Neilpark Drive
East Tamaki
Auckland
NEW ZEALAND
Ph 0800 442 182
Fax 0800 442 183
PO Box 39 383
Howick, Auckland

Wellington

18 Sydney Street
Petone
Wellington
NEW ZEALAND
Ph 04 576 2530
Fax 04 576 0040
PO Box 39 383
Howick, Auckland

sales@transnet.co.nz

NEW ZEALAND

TransNet Equipment Pty Ltd Perth

Unit 20, 8 Hurley Street
Canning Vale WA 6155
Perth
AUSTRALIA
Ph +61 8 9256 3417
Fax +61 8 9256 3917
PO Box 1439
Canning Vale DC WA 6970

sales@transnetequipment.com

AUSTRALIA

TransNet Tonga Tonga

Small Industries
Ma'ufanga
Tonga
Ph +67 627 939
Fax +67 627 976

PO Box 2932
Nukualofa

transnet@kalianet.to

TONGA

