

TransNet



Your Partners in Power



February 2020



LV JUICE

IF IT DOES THE JOB, WE'LL MAKE IT HAPPEN

CUSTOMISED SOLUTIONS

Some situations take a little extra work to figure out, and that's where we come in. At TransNet we work with our customers to tailor solutions to their specific needs, and then use our expertise to create them. Our range of customisable products includes joint kits, ECOpillars, passive fire protection systems, earth sets, toolkits, and more. Don't work around what you've got, see if we can build what you really want.

R&D WORKSHOP

Our Auckland Head Office contains not only a switchgear workshop and kitroom, but also an R&D workshop where we can develop custom solutions to particularly tricky problems. Our industry experienced engineers & product managers know our gear inside and out, and know how to modify it to suit the complexities of life out in the field. We have a vested interest in making sure our products are the most practical, functional, and useful in the industry.

IN-HOUSE HV TEST LAB

Save yourself the trouble of sending your new TransNet equipment away to be tested immediately after receiving it. Our in-house lab tests new items quickly and efficiently, ensures that they are fully compliant, and sends them out directly to you to be put into immediate use. Have a specific testing requirement? Talk to your local rep or contact customer services today to find out what we can do for you.

**WHENEVER, WHEREVER,
WE'VE GOT IT.**



FREE BAG OF PARTY MIX LOLLIES

WHILE STOCKS LAST



When you spend over \$300 (+GST) on one invoice this month



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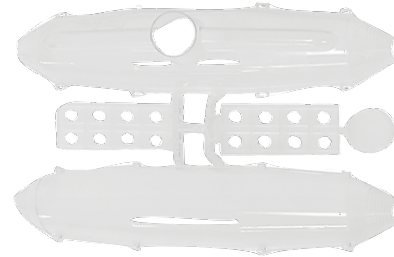
PXE LV RESIN STRAIGHT JOINT KITS

PXE Resin filled joints for armoured and unarmoured cables up to 1kV. The PXE range of LV Resin Joints caters for most common types and sizes of power distribution and control cables. The straight arrangements accommodate most conductor connection methods.

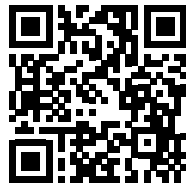
FEATURES

- Joint Insulation, sealing and mechanical protection provided by proven two-part polyurethane resin
- Supplied in convenient foil packs
- Range-taking joint kits with few components for quick and simple installation
- Clear, robust, snap-together joint shells for easy positioning and filling
- Connectors not included – allows for flexibility of joint design
- Core separator ensures adequate clearance between connectors
- Earth bonding components included in kits for armoured cables
- Complies with VDE standards

- Abrasive cloth, sealing tape and protective gloves included
- Performance tested to European standard EN 50393



Cat No.	Cable Conductor Size Max (mm ²)		Cable Entry Dia. B (mm)
	2 & 3 Core	4 Core	
PXE-SU1	10	6	6-19
PXE-SU2	25	10	6-27
PXE-SU3	35	16	14-34
PXE-SU4	50	25	16-37
PXE-SU5	70	50	20-44



RAYGEL PLUS JOINT KITS

Raychem RayGel Plus Joint Kits offer quick, easy reliable sealed joints for low voltage applications. Enclosures offer a state-of-the-art sealed joint for underground, direct-buried and overhead applications.

RAYGEL PLUS SYSTEM

- Housing is made of Halogen free UV resistant Polypropylene
- RayGel PowerGel Sealant
- Some kits include connector blocks or connectors

WIDE APPLICATION AREA

- Street, garden and pool lighting
- Connection of outdoor equipment
- Frost protection systems
- Cable trays and cable ducts
- With Raychem GelBox 25 joints up to 5x25mm or 4x35mm²
- For single-core cables from 10-50mm² & multi-core cables from 2x1.5 up to 5x16mm²

SOPHISTICATED ENCLOSURE DESIGN

- Optimised joint design with integrated strain relief and more space for the connection
- Flexible wave-like gel barriers (no tools required)

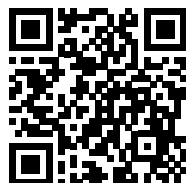
UNIVERSAL CONNECTOR BLOCK

- Full range of branching capabilities without cutting of main cables
- Supplementary tool for insertion of sliding nuts
- Unique latchable connector block for even more effective and easy installation



POWERGEL SEALANT FILLED

- Covers and seals every connection quickly and easily, saving time and effort
- Rated to 90°C continuous temperature
- Environmentally friendly



Raychem
from TE Connectivity

WHERE DO RAYCHEM KITS COME FROM?



New Zealand is a bit different to the rest of the world – we can't just take regular products off the shelf and expect them to work. Our Raychem kits are designed by local TE technical specialists and built right here at TransNet for the New Zealand market, using the amazing components that Raychem design and build, with a focus on ease-of-use and functionality.

Raychem does all their own R&D, with traceability from the raw material right through to their finished products, and manufactures to their exacting standards using their own parts. Raychem products have been tested as a complete solution working together seamlessly, giving you peace of mind in knowing the components you use are of the highest quality.

At TransNet we offer several hundred different kits for many different cables, and we also have the ability to customise specialist kits on request to suit the specific requirements of each individual network. Our state-of-the-art, fully certified facility at TransNet's head office has the flexibility to make kits how you need them, when you need them. In an industry where connections really do count, we want ours to be as simple and effective as possible.



THE ONLY RAYCHEM KITTING ROOM IN NEW ZEALAND



Raychem
from TE Connectivity

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www.transnet.co.nz



ECOPILLAR THE WAY YOU WANT IT

FULL CUSTOMISATION AVAILABLE*

- Lid details specific to your design requirements.
- Component kits based on usage requirements.
- Pillar colours & sizes all designed to requirements.
- Neutral bar & its placement adjusted to individual network requirements.

*Talk to us about your requirements. Some conditions apply



SEE THE RANGE



NEW EP9



Security Torx Screw



Security Screw & Padlock



Security Screw, & Key Lock

MADE IN NEW ZEALAND & TAILORED TO SUIT OUR CONDITIONS

AN ECOPILLAR FOR EVERY SITUATION

From slim and unobtrusive to robust and powerful, the ECOPillar range is broad enough to accommodate residential, commercial & control applications, while flexible enough to handle customised hardware configurations.

The ECOPillar range is an integrated system, designed by people in the industry for people in the industry.

Built from Rotathene UV stable plastic, the ECOPillar will take the knocks and come back for more. It's designed specifically for customers who demand safety, performance and unobtrusive good looks from their electrical reticulation systems.

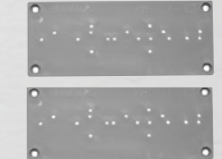
A unique range of fastening systems ensures protection from less civic-minded elements of the public whilst giving the technician easy access. Internally, all components are specifically designed for the ECOPillar.

Externally, ECOPillar has a compact installation footprint. The corrosion free, environmentally friendly outer housing has a contoured design with no sharp edges. Their aesthetics make them perfect for use in new subdivisions, and with a modular design they are easy to retrofit into existing installations.

- A **fully modular system** to meet all network requirements
- Accommodates **multiple** switchgear combinations
- Recyclable
- Mechanically **robust**
- **Unique** serial number
- Made of **excellent UV stable** Rotathene repurposed plastic
- Domestic, commercial & control applications



Removable mounting bracket



Drilled, removable, durable flame retardant PVC panels



Tinned 250A Copper neutral bar with stainless studs



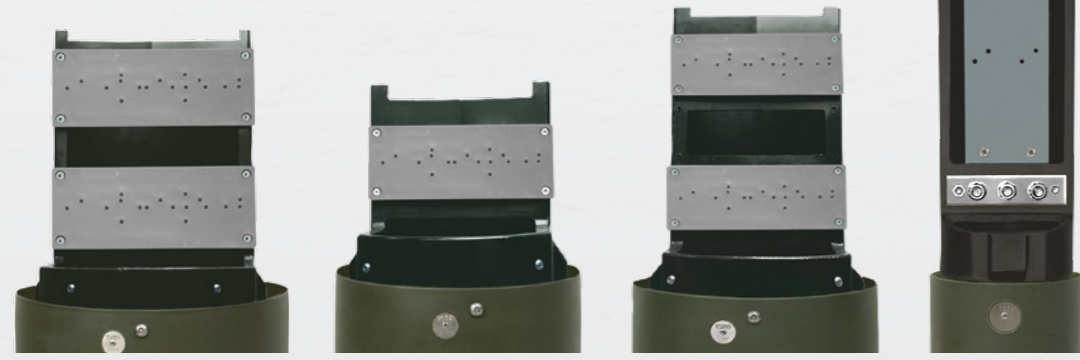
Integrated ventilation system for moisture control



Multiple fastening options depending on security level required



Two side cable access holes & one underneath



PRELOAD YOUR PILLAR BY ADDING FUSES



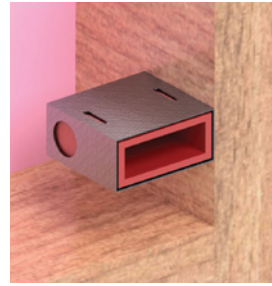
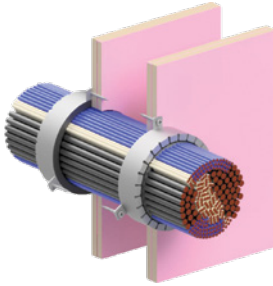
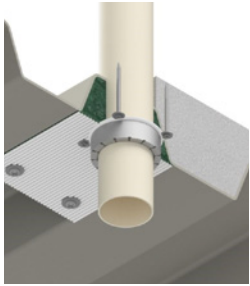


FIRESTOPPING SOLUTIONS

RYANFIRE offers specific firestopping products for specific applications and expertise to assist with providing custom solutions for individual installation requirements.

All products supplied by RYANFIRE are comprehensively tested at internationally accredited test laboratories and meet the national building code requirements.

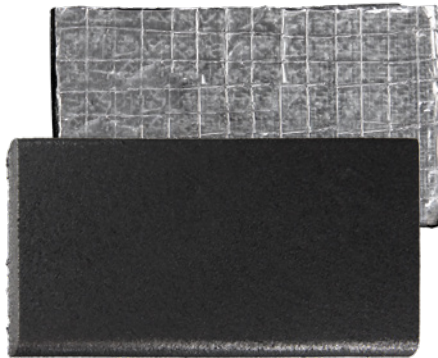
CORRECT INSTALLATION METHODS FOR EVERY APPLICATION



Slimline Fire Collar

Fire Pad

Acoustic Fire Pad



FEATURES

- Ultra-slim flange and body design ensures easy installation in awkward situations
- Simple single click clasp
- Up to 2 hours fire rating, depending on system detail
- Stainless Steel
- Water resistant
- Non-corrosive: inert product
- Range of sizes from 50mm Ø to 160mm Ø



FEATURES

- Fire resistance class EL-90 according to EN 1366/3
- Tested to AS1530.4-2005 AS4072.1-2005
- 20.1 volume expansion
- Suitable for electrical flush boxes such as light switches & socket outlets
- Tested with single & double layer GIB walls

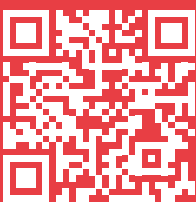


FEATURES

- Up to 2 hours fire protection installed internally, up to 1 hour installed externally
- 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
- Tested back to back
- Sound Transmission Class: 60



VIEW
THE
RANGE





TNERIB

TRANSNET EARTH ROD INSPECTION BOX



PICTURED WITH
TNSLGR3 &
TNEARTH TAG

TRANSNET EARTH IDENTIFICATION TAG



TransNet's plastic earth identification tag attaches to the main earth for easy recognition. Simple to install, the earth tag has also features UV stabilisation to give it a longer life.

FEATURES

- Easy to install
- Identify earthing connectors
- UV stabilised plastic
- Made in NZ
- Sold in packs of 100

Cat No.	Description
TNEARTH TAG	GREEN PLASTIC EARTH LABEL

TransNet's TNERIB is a custom-designed inspection box featuring a hinged latching lid for easy access. Strengthened for longevity, the TNERIB protects the integrity of the connection and is easily installed in footpaths.

FEATURES

- Heavy duty strengthened, hinged & latched lid
- Made from UV stabilised material
- Square to easily fit into paving work
- Easy to identify with embossed lid detail
- Extensive rain water access
- Custom designed and manufactured in NZ

COMPLETE EARTH FOR STREETLIGHT POLES

FEATURES

- 13mm copper bonded rod
- Pre-welded
- 3m of 10mm² cable attached
- Cadweld and copper conductor included
- Able to be buried
- Position of the weld allows for the driving tip to be used on the rod
- Room underground for connection
- ERICO rod 1840mm long

Other cable sizes & lengths available on request

Cat No.	Description
TNSLGR3	COMPLETE EARTH SOLUTION FOR STREETLIGHT POLES

**NEW
ZEALAND
MADE**



OCCUPATIONAL HAZARDS

Spartan Linear Hazardous Lights



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Nuku'alofa

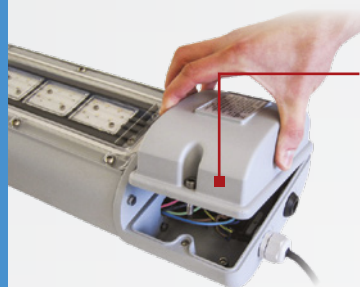
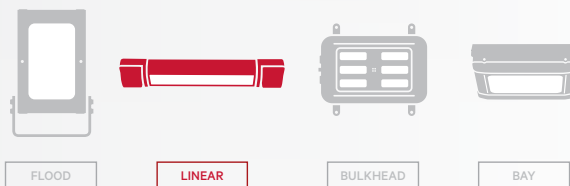
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SPARTAN 4' Linear luminaires are designed specifically for use in new hazardous area installations or to retrofit existing fluorescent installations which require high performance, reliable, White-Light illumination. Housed in Marine Grade aluminium and using Raytec's field-proven, long-life LED technology, SPARTAN Linear is ATEX and IEC Ex approved for all Zone 1/21 & 2/22 applications.



Easy Maintenance

Modular design allows quick and easy servicing and inspection of all key components including LED and PSU modules. SPARTAN Linear has also been designed without ledges to prevent dust or water from accumulating.

Features	Benefits
Retrofitable	Easy Installation, matching the dimensions of traditional 2x36W fluorescent fittings, to provide an easy direct replacement
Intelligent Emergency	Self-testing emergency battery proactively monitors & maintains the overall health of the luminaire Easy inspection thanks to a tri-colour LED indicator
Modular Design	Both the LED & PSU modules are easily accessible for maintenance and inspection
Ultra-Reliable	Industry leading 5 year warranty Designed & manufactured in the UK to the highest standards including both ISO9001 & ISO14001 Intelligent emergency with automatic self-testing



SPX-WL168

Zone 1/21*
\$1469.00 + GST



SPX-WL168-EMX25

Zone 1/21 Emergency
\$2469.00 + GST



SPZ-WL168

Zone 2/22*
\$1115.00 + GST



*Also available as a Single Entry

SPX-WL168-LL

Zone 1/21 Single Entry
\$1115.00 + GST

SPZ-WL168-LL

Zone 2/22 Single Entry
\$939.00 + GST



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