



Aug/Sept 2025

HV JUICE



TransNet Turns 25

Celebrating a Quarter Century
as your partners in power

www.transnet.co.nz

TE Connectivity Sole Distributor & Certified Raychem Kitting Room

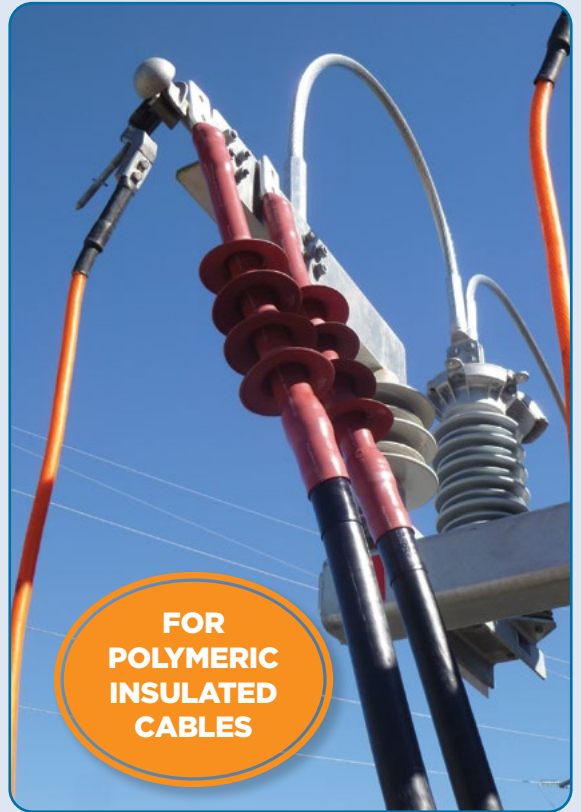
In late 2009, we were offered dual distributorship of the Raychem and Utilux agencies by TE Connectivity. In response, we built a TE-certified Raychem kitting room—which is now the only one of its kind outside TE's own facilities. We also expanded our warehouse, established a Raychem technical team, and introduced systems to ensure consistent, high-quality service.

By March 2010, we became the sole New Zealand distributor for Raychem and Utilux—an achievement we're proud of. Since then, we've continually refined our kitroom processes to improve quality and consistency.

With thousands of kits in our NZ database, we offer cable accessories for any local application—many custom-designed by our TE certified team. Each kit is tested as a complete system with full traceability to source.



AUTHORISED DISTRIBUTOR



FOR
POLYMERIC
INSULATED
CABLES





HVTI/HVTO - Reliable MV Cable Termination System

A field-proven, easy-to-install heat-shrink termination solution for polymeric insulated cables, engineered for long-term performance in harsh environments.

For over 30 years, **Raychem Medium Voltage Terminations** have set the standard for reliability in utility and industrial applications. Backed by TE Connectivity's engineering expertise and rigorous testing, the HVTI/HVTO system simplifies selection and installation for 11-33 kV networks—whether in cable boxes, switchgear, or overhead terminations. With universal sizing, proven materials, and clear instructions, it ensures safe, long-lasting performance in all conditions.

UNIVERSAL DESIGN

- ✓ One system for all cable types (1-core, 3-core, unarmoured)
- ✓ Compatible with both polymeric and MIND cables
- ✓ Fits a wide range of conductor sizes to reduce stocking needs

PROVEN RELIABILITY

- ✓ Over 30 years of field use in polluted and extreme environments
- ✓ Non-tracking HVOT tubing provides superior environmental sealing
- ✓ Fully water-sealed from the environment and conductor core

SIMPLIFIED INSTALLATION

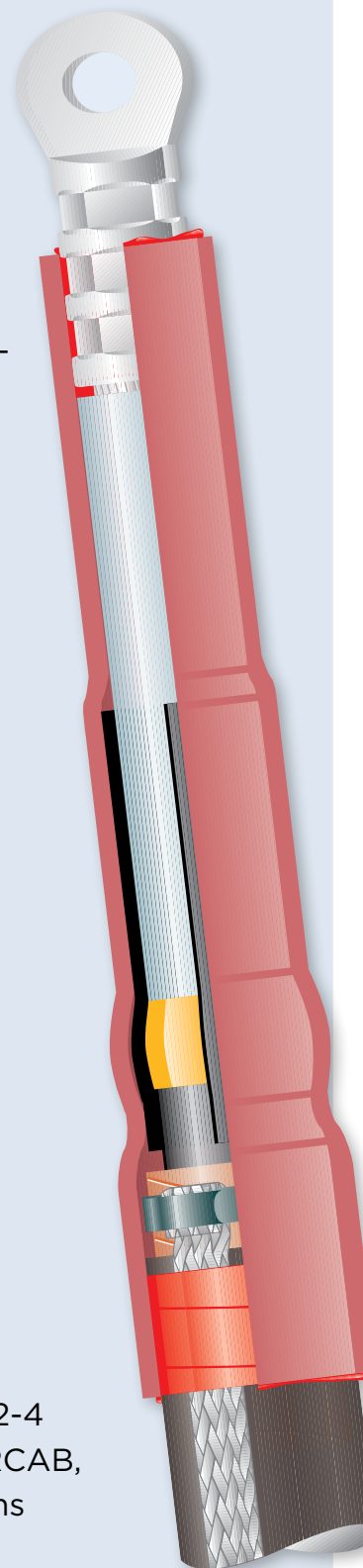
- ✓ Lightweight, factory-engineered components
- ✓ No soldering or special tools required
- ✓ Common procedure across cable types and voltages

STREAMLINED CABLE PREP

- ✓ No insulation polishing or tapering
- ✓ Compatible with modern screen removal tools
- ✓ Minimal conductor shaping—even for curved or sector cables

TESTED AND CERTIFIED

- ✓ Complies with CENELEC HD 629.1.S2:2006 and IEC 60502-4
- ✓ Works with Raychem RICS, RCAB, and RSRB connection systems



AUTHORISED DISTRIBUTOR

Sustainability Journey

In October 2016, we moved into our purpose-built headquarters and began a bold sustainability journey. The building features motion and light sensors for energy-efficient LED lighting, plus a rainwater storage system used for vehicle washing, garden irrigation, and toilet flushing. We also installed a 540-panel, solar farm with 150kW / 30kWh smart energy storage system to reduce reliance on traditional power.

We added electric vehicles to our fleet, introduced robust recycling and waste reduction practices, and pursued ISO 14001 and ISO 14064-1 certification—both achieved in 2018. By 2019, we reached Carbon Neutral certification, motivating us to keep pushing for further improvement.

Then came Covid, disrupting freight and supply chains. We reassessed and reaffirmed that staying aligned with our core environmental values mattered more than any single certification.

Today, we remain committed to sustainability, proudly maintaining ISO 14001 certification and continuing to monitor and report our GHG emissions.



- STRONG
- RECYCLED
- CONSISTENT





CCASNZ Cable Cover

TransNet Cable Cover is locally manufactured at the Astron Factory using clean, repurposed, and recycled post-manufacture and waste plastic. Each batch undergoes rigorous testing to ensure consistent strength.

This product supports our goals to reduce landfill waste and combat climate change. It's available in various widths and in roll or strip/slab formats—without compromising quality or strength.

All production waste from our products, including TUDS, ECO Pillar, and ECO Block, is returned to Astron for recycling and reuse.

With increased infill housing and denser land use, protecting the public from underground power cables is more vital than ever. TransNet CCASNZ cable cover is the most reliable solution on the market.

- ✓ **Made in New Zealand from recycled plastic with high HDPE content**
- ✓ Free from residues or contaminants in the finished product
- ✓ Recycled material sourced nationwide and processed at Astron's Auckland and Christchurch facilities
- ✓ Strong at minimal thickness to meet AS/NZS 4702 standards
- ✓ Astron factory is ISO 9001 certified
- ✓ Thinner and lighter—helps reduce strain and fatigue for workers
- ✓ Custom widths and lengths available (conditions apply)
- ✓ Every batch tested in-house, with samples retained
- ✓ Also tested at an independent laboratory



Don't settle for imitations—ours is the only cable cover that consistently passes the AS/NZS 4702 penetration test. Proven performance, every time.

Solar Farm and Micro Grid

Since commissioning our solar farm in 2017 with an initial 70kW capacity, we've added another 80kW—enough to power our facility on solar for most of the day. At the heart of our system is a Vanadium Redox flow battery, ensuring energy is stored and used efficiently.

Our microgrid wasn't just about cutting carbon—we wanted visibility over every stage, from generation to use, so we could help others do the same.

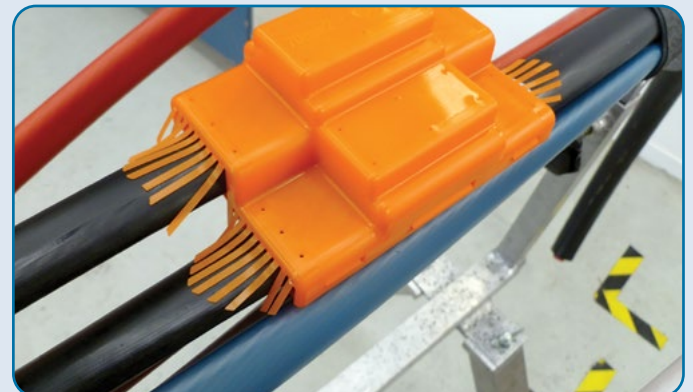
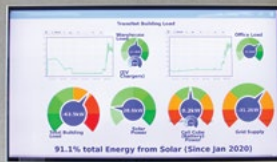
With smart controls, we prioritise solar during peak sunlight, store excess energy, and feed surplus into the grid. That stored power charges our forklifts overnight and on weekends. Motion and light sensors throughout the site minimise unnecessary energy use.

Always keen to innovate, we've added an EV charging network, managed by Wallbox software for balanced, fair access. Solar energy generated by day is continually put to use, cutting our footprint bit by bit.

Our microgrid is a constant point of interest for visiting groups—and one we're happy to share.



TRANSNET MICRO GRID





The Smarter Choice for LV Mains Branching



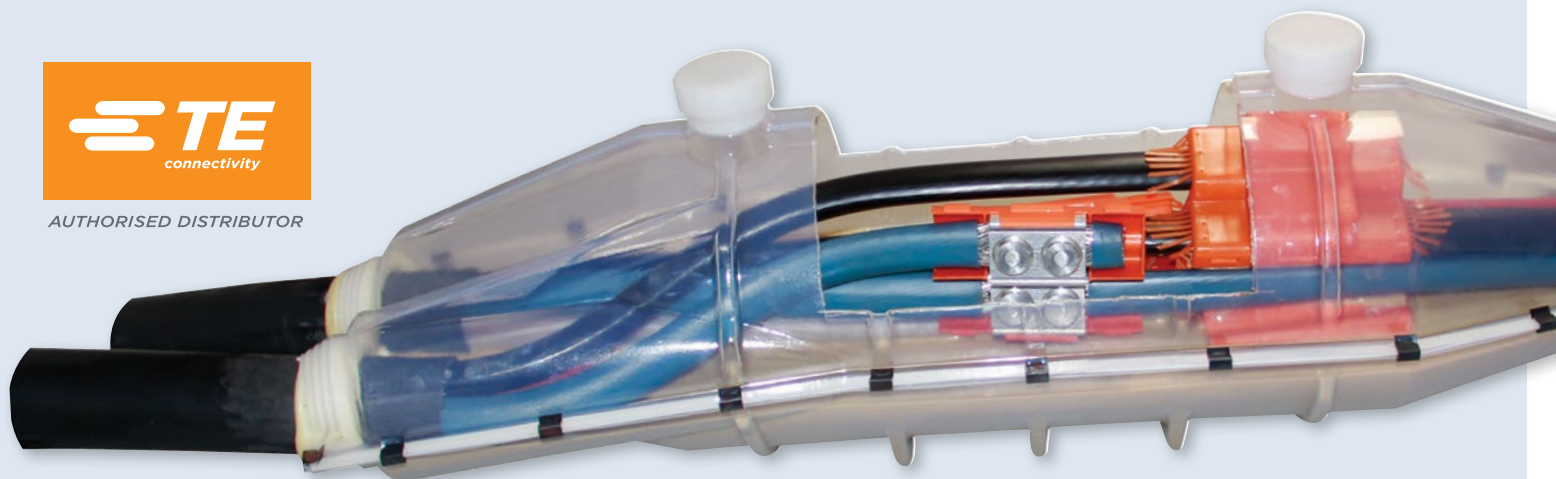
Fast – Simple – Safe, **TBJ Mains Branch Joints** have been designed to reduce time, cost, inventory and injury risk by ensuring each phase is made off independently of the others and the connectors are range taking.

FEATURES

- ✓ No exposed live parts – fully insulated connectors reduces risk of arc flash and personal injury
- ✓ No heat or naked flames – two part cold pour polyurethane resin supplied in convenient foil packs
- ✓ Torqued shear bolts – ensures correct connection every time
- ✓ Quality connections – TE connectivity connectors are proven to perform even under fault conditions, connectors tested to IEC 61238- 1, moulded insulation shroud tested to 5kV AC and 1kV DC
- ✓ Range Taking – Three kits cover cables from 70mm² to 300mm² main and branch, of solid, stranded, round & sector cables in both Al & Cu
- ✓ Reliable performance – protected mechanically and electrically by insulating resin and a rigid high-impact joint shell



AUTHORISED DISTRIBUTOR





ECOBLOCK – The Smarter, Safer Alternative to Concrete Pole Blocks

ECOBLOCK has been tested by IRL using NZ made concrete poles and proven to work as an integral part of correct pole installation.

When our customers had health and safety concerns about using concrete blocks we accepted the challenge to find a lightweight but strong alternative. Our solution – ECOBLOCK, a strong, lightweight NZ made alternative to traditional concrete pole blocks. Quality material is key – you can't just use any plastic – so we make ours out of high quality PE plastic. Tested for integrity, ECOBLOCK won't creep over time like other plastics can. ECOBLOCK is fully recyclable so not only are we keeping plastic out of landfill, we'll keep staff safer and ensure there is no potential for chemical leaching to occur.

FEATURES

- ✓ **STRONG** – won't crack or crumble if dropped
- ✓ **LIGHTWEIGHT** – no crane trucks to lift & position
- ✓ **QUALITY** – made from fully recyclable high quality PE plastic
- ✓ **TESTED** – fully tested using NZ made concrete poles by Industrial Research Ltd (IRL), test reports available



Creative problem-solving for real-life situations ↴





TUDS Modular Pits – Rated for Heavy Loads



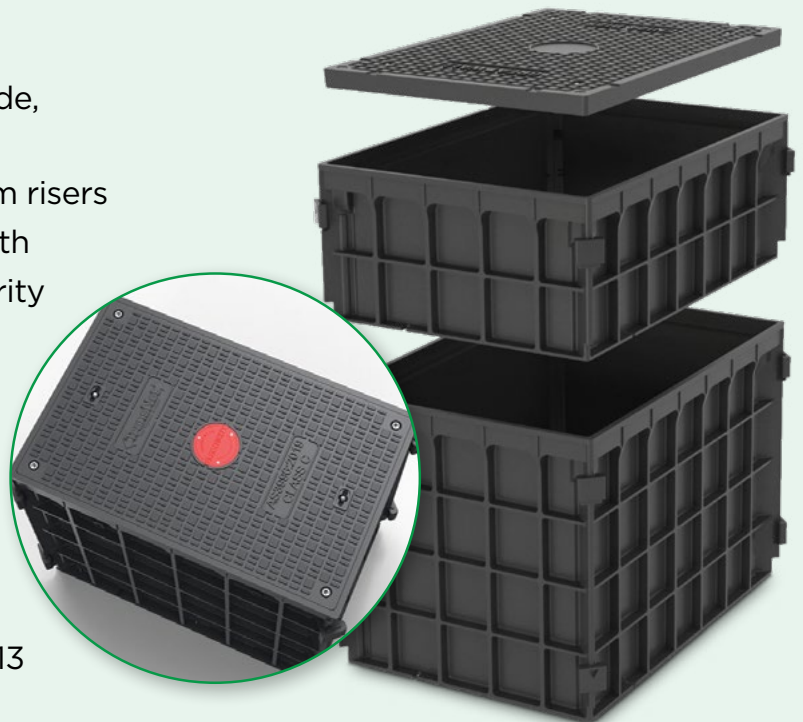
Made from rigid, high-strength SMC material, the **TUDS Modular System** offers a full range of pits tested to exceed AS3996:2019 requirements for both Class C and Class D applications, with lids specific to each class. Class C is ideal for residential roads and carparks, while Class D is a heavy-duty option capable of supporting loads up to 8000kg.

FEATURES

- ✓ Wide range of sizes: 450–1500mm wide, 300–1200mm deep
- ✓ Custom depths with 100mm & 300mm risers
- ✓ Reinforced sidewalls for added strength
- ✓ Anti-tamper bolts for safety and security
- ✓ Swappable ID pucks for flexible use
- ✓ Lightweight, tool-free assembly
- ✓ Up to 90% lighter than concrete

STANDARDS

- ✓ Class C lids meet AS3996:2019 as standard (Class D also available)
- ✓ P5 rated slip resistance to AS4596:2013



TESTED FOR C & D CLASS



ANTI-TAMPER BOLTS



DUAL LID



SINGLE LID

HYPERLITE EXTENSION LADDERS

Precision in Action: Our HV Test Lab is IANZ Accredited

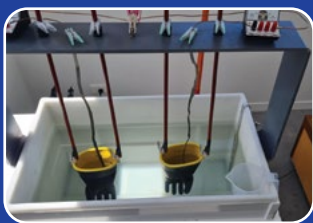


As we celebrate 25 years of innovation, it's the behind-the-scenes breakthroughs that truly define our journey—like the IANZ accreditation of our custom-built High Voltage (HV) Test Lab.

More than just a supplier, we've always added value through services that help our customers work smarter and safer. The HV Test Lab, located at our headquarters, is a prime example. Equipped with advanced safety features and IANZ-certified processes, it allows us to deliver fully tested gear into the field—faster than anyone else.

Our highly trained technicians ensure every piece of equipment meets the highest standards and also support R&D, helping shape new products from concept to proof.

This lab represents our broader philosophy: that great infrastructure drives great service. As we look to the future, it remains central to our commitment to reliability, responsiveness, and innovation.



**Little
Giant**
Ladder Systems



FALL ARREST SYSTEM



Keep Ladders Out of Landfill – Repair and Test locally

Hyperlite Extension Ladders can be repaired and retested in our local Little Giant approved workshop and IANZ accredited test lab. Keep ladders out of landfill – talk to us about repairing your ladder stock now!

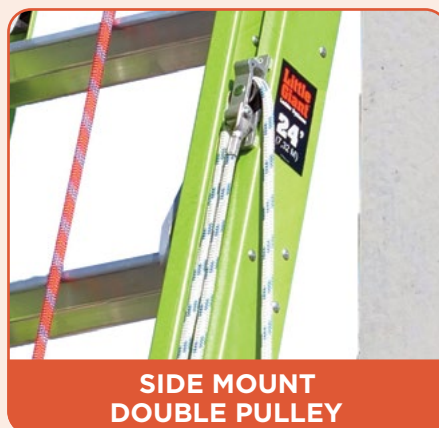
WHY REPAIR?

- ✓ Fast turnaround
- ✓ Quality workmanship
- ✓ Genuine parts
- ✓ Tested for safety & reliability
- ✓ Save Cap Ex – repair don't replace
- ✓ Reduce waste – extend equipment life
- ✓ Support local, certified NZ service
- ✓ Keep your team working – minimal downtime
- ✓ Backed by IANZ-accredited testing for total peace of mind

SAFETY STANDARDS

- ✓ Meets ANSI A14 and AS 1892.1:2018 strength and testing standards
- ✓ 16'-32' models rated and tested to 170kg
- ✓ 36' & 40' models rated and tested to 150kg
- ✓ Integrated tethering system secures ladder to poles – ideal for lone worker safety
- ✓ Designed for durability, safety, and compliance in demanding field conditions

LITTLE GIANT PRODUCT FEATURES





Celebrating 25 years as your partners in power

Thanks for being part of the journey



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This July marks 25 years of growth, innovation, and commitment to powering New Zealand and the South Pacific. From humble beginnings to becoming a trusted partner across the industry, we're proud of what we've achieved—and deeply grateful for the people who made it possible.

To our customers, partners, suppliers, and team: thank you. Here's to the next 25. TransNet, Proudly NZ Owned & Operated Since 2000.

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