

TRANSNET

HV JUICE



March/April 2011

ASNZ 4702 Compliant Polymeric Cable Cover



Energy Division

Raychem Cable Accessory Certification

- Delivered by the most experienced instructors in NZ
- Tailored to suit your Requirements
- Assessment Based Learning
- Theory & Practical Hands-on
- Monitored Field Assessment
- Latest Cable Accessory Technology

Standard: Tyco Electronics Energy Division
www.tycoelectronics.com

Tyco Electronics

Our commitment. Your advantage.

Tyco Electronics offers Raychem Training



www.transnet.co.nz

Raychem Cable Accessory Training

The complete package – not only do we offer you the best cable accessories on the planet but our supply partner Tyco Electronics are offering a Raychem Cable Accessory Training Certification.

Upskilling and refreshing existing knowledge is always beneficial to both the cable joiner and the network they work on. Having the latest skills, knowledge and understanding of the products being used everyday gives you the upper hand over your competition. Over time we unintentionally alter and develop our own work practices – designed to save time or space, but sometimes these very subtle changes can alter the integrity of the cable accessory we're installing. Attending a refresher course reiterates the importance of every step in the installation process and the reasons why certain steps are included.

If it's been a while since you've been in the classroom, maybe it's time to do a refresher course on the Raychem Cable Accessory range. With new technologies being introduced all the time, it's good to keep up to date with the latest developments and this course is designed to give you all the information you'll need to apply these technologies in the field. If nothing else it's a great way to ensure all those good habits you have are being practised.

Tyco Electronics have been conducting Raychem Cable Accessory training for many years, with instructors like Paul Godfrey and Simon Sheterline at the helm, the wealth of experience working with utilities around New Zealand and the Pacific is second to none. As cable accessories are a vital part of a reliable network it's imperative they are installed to the very highest standards. This year Tyco Electronics will be offering to all our customers –

“RAYCHEM PRODUCT APPLICATION TRAINING AND CERTIFICATION”.

Training includes, theory, practical and 'Failure Case Studies' which all play a key role in teaching and developing good work practices. At the end of the day we want attendees to come away from the course with a better understanding

of the reasons behind the steps they take when installing cable accessories, and knowledge on the latest technologies released to the market.

There are a number of courses available, if you have specific requirements please get in touch to discuss as we're able to tailor a course specific to your network.

**Please register your interest with
rosa.ugapo@te.com**



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ARE YOU USING ASNZ 4702 COMPLIANT CABLE COVER?

Once it's buried it's forgotten, Right?...That's until an unsuspecting member of the public happens upon it when they're landscaping or fixing a water pipe. Let's face it New Zealand is a nation of do-it-yourselfers, we like to give anything a go, that's why it's important to protect both, the cable and the public. In 2000 an Australian Standard [AS4702-2000] was introduced to ensure quality of Polymeric Cable Cover, it includes a very important penetration test, New Zealand has adopted this same standard.

TransNet in conjunction with Astron Plastics offers a superior quality cable cover which exceeds all the requirements of AS4702-2000. The reason is no doubt due to the expertise of Astron Plastics who manufacture the cable cover exclusively for us. Astron's considerable experience in plastics manufacturing, is why we are able to offer the market, a cost effective, quality consistent product.

Cable Cover gets its strength from the quality of the raw materials, the better the quality the thinner it can be whilst maintaining strength, TransNet cable cover is manufactured from the highest quality recycled High Density Polyethylene Plastic (HDPE). To ensure the cable cover you're using complies, ask for it by name-CCASNZ4702.



“It's not about how thick it is – it's about how strong it is”.

The penetration test consists of a probe (simulating a person with a pick axe) being dropped at 125 joules of energy onto the cable cover which is suspended on a polystyrene block. In order to pass the test, the probe must not penetrate the cable cover by more than 50mm. Every batch of TransNet cable cover is tested throughout production to ensure its integrity.

Product #	Description	Length	Width
CCASNZ4702 100X25	CABLE COVER 100mmxASNZ4702x25m	25m	100mm
CCASNZ4702 150X1	C/COVER STRIPS 150mmxASNZ4702x1m	1m	150mm
CCASNZ4702 150X3	C/COVER STRIPS 150mmxASNZ4702x3m	3m	150mm
CCASNZ4702 150X25	CABLE COVER 150mmxASNZ4702x25m	25m	150mm
CCASNZ4702 170X2	C/COVER STRIPS 170mmxASNZ4702x2m	2m	170mm
CCASNZ4702 170X25	CABLE COVER 170mmxASNZ4702x25m	25m	170mm
CCASNZ4702 200X25	CABLE COVER 200mmxASNZ4702x25m	25m	200mm
CCASNZ4702 300X25	CABLE COVER 300mmxASNZ4702x25m	25m	300mm

Note: Custom sizes available on request, non stock parts incur MOQ's.

When ordering please ask for ASNZ 4702 compliant cable cover.



ASTRON
breathing new life into plastics.

RITELITE 1000V INSULATED TOOLS

Cable jointers all over the country take pride in the tools of their trade. The Ritelite range of 1000V insulated tools is comprehensive, it caters for all preferences and with the double insulation there are added safety benefits on offer too with regards to visual inspections (dual colour makes it very obvious when there is damage to the insulation). Forged and oil hardened the Ritelite range is extremely durable and hard wearing. These tools go through rigorous testing to ensure the safety of the operator. We offer complete tool kits and individual parts to fill existing tool kits.

TESTING

- Dielectric Strength Test
- Cold Hit Test
- Test of Resistance of Insulation
- Pressure Test
- Test of Adhesive Power
- Flame Resistance Test



RITELITE
Total Equipment Solutions

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www.transnet.co.nz

Pole Covers

PROTECTING TERMINATION CABLES

In order to protect termination cables from impact and damage you need something strong, rugged and ideally, environmentally responsible. We have two options available to fit most applications, both are 2.7m high giving extra protection from vandalism. First there is the pole cover, this unit will accommodate cables up to 150mmX150mm. The other is the pole wrap, this unit encloses the cables as well as the pole, it's capable of protecting up to 600mm in diameter (including the pole).

These products are manufactured in New Zealand from Cotene 9050 UV stable plastic, they are strong and capable of withstanding hard impacts. They are easy to install, simply cover the desired cables and secure in place using stainless steel band strap.

The strength in this plastic is consistent, and that strength won't deteriorate like other products used to protect termination cables can. This is the same material that is used in the manufacture of plastic water tanks.

These units are available with a reflective danger label in order to give the public more warning.



PC2700X150X150



PC2700X600DIA



FEATURES

- Made in New Zealand
- Cotene 9050 UV stable Plastic
- 2700mm high for added protection
- Easy to install and remove if re-entry is required
- Strong, tough and durable



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Earthing Connections – Wedge/Exothermic/Bolted

YOUR EARTHING SPECIALISTS

When it comes to Earthing products, TransNet is your Bunnings store. We have wedge, exothermic weld and bolted connections covered, as well as accessories like GEM (ground enhancing material), couplers, driving tips, electronic ignitors, moulds, mould putty and earth rods.

EXOTHERMIC WELD

- Provides a high quality connection which meets requirements of IEEE 837
- Versatile – able to connect conductor and rod to a number of substrates
- Available as single shot or reusable mold
- Cadweld Plus offers electronic ignition to keep the user a safe distance away



BOLTED CONNECTORS

- Low cost option for conductor to ground rod connections
- Easy to remove
- Range taking ability



“We’ve got it all.
With quality brands like
AMP, Cadweld Plus/Erico,
Thermoweld and Intelli, you
have peace of mind you’ve
got the right gear.”

WRENCHLOK

Uses a specially designed shear-head bolt to drive a tapered wedge into the connector body.

- Meets requirements of IEEE 837
- No special tooling required
- Bolt shears off when required torque is reached ensuring correct application
- Can be installed in any weather
- Versatile – able to connect conductor to conductor and conductor to ground rod

SHEARLOK

- Designed to withstand mid-range magnitudes of fault current (20kA symmetrical RMS)
- Uses AMP Wedge Pressure Technology and torque drive bolts to provide a reliable connection
- Shear-head bolt breaks when correct torque is reached
- Removable without conductor damage
- No special tools required



For pricing and any further product information
please contact your local rep or customer services

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AMP

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Stock Clearance – Once it's gone it's gone!!!

R31 INSULATOR PINS

- Steel Insulator pins for use with 3370, 4490, 3372, 4492 and ALP33/920 porcelain insulators.
- Available while stocks last

\$25.00
+gst
each

Product #R31



HASTINGS MEASURING STICK

- Extends to 15mtrs
- Metric measuring markings
- Lightweight and easy to store
- Comes complete with C40 storage/carry bag

\$899.00
+gst
each

Product #M50



ERICO GEM

- Ground Enhancing Material for earthing systems
- 25lb bag
- Once set it maintains constant resistance for the life of the grounding system
- Perfect for areas of poor conductivity such as rocky ground, areas of moisture variation and sandy soil

\$37.00
+gst
each

Product #GEM25A



REMOTE CRIMP HEAD (LARGE)

- 12Tonne remote head
- 42mm jaw opening
- Accepts regular 12 Tonne shell dies

\$990.00
+gst
each

Product #RHC131-L



SALISBURY CL4 SOLID MAT

- Class 4 Salisbury Insulating Mat
- Orange
- Size is 22"x22" (590x590mm)
- Made from Type II SALCOR® rubber and designed for increased versatility and flexibility.

\$90.00
+gst
each

Product #13



REMOTE CRIMP HEAD (REGULAR)

- 12 Tonne remote haed
- 25mm jaw opening
- Accepts regular 12 Tonne shell dies

\$890.00
+gst
each

Product #RHC-131



All specials are strictly while stocks last – no rainchecks available. Pricing is in New Zealand dollars. Goods shipped freight free within New Zealand for any order over \$100.00+gst

Telescopic Hotsticks on Special

The RITZGLAS® Triangular shape design Telescopic Hot Stick was designed to provide the working distance and the insulation required to perform routine works in overhead electrical systems, being one of the most useful tools in live line maintenance.

The VTT range boasts the universal end fitting, able to accept a wide range of attachments so the stick can be used in a multitude of different applications. Assembled with epoxy-resin reinforced fibreglass poles, the VTT range complies with ASTM F-1826/99 and IEC 62193/03

The high visibility yellow top section of the VTT range is manufactured with polyurethane foam core RITZGLAS® poles that ensure full insulation, even when subject to the most rigorous humidity conditions.

FEATURES

- Fully insulated top section
- Triangular shape locks into place quickly
- Supplied with rubber ring and seal to secure in place during transportation
- Comes with M4455-9 attachment
- Available up to 9 sections (1.79m-12.05m)



Measuring sticks are made to the same high standards, the difference being they have metric measuring markings for vertical span measurements. Numerical markings are printed every 10cm and intermediary markings are printed every 1cm.

PRODUCT #	DESCRIPTION	NO. SECTIONS	PRICE EXCL GST
VTT-1/51.800	RITZ TELESCOPIC POLE 600MM-1.800MTR	5	\$250.00
SLT-5/1800	CARRY BAG FOR VTT-1/51.800	-	\$37.00
VTT-1/7M	RITZ MEASURING TELEPOLE 1.68-9.14MM	7	\$550.00
SLT-6/7	CARRY BAG FOR VTT-1/6M & VTT-1/7M	-	\$42.00
VTT-1/8M	RITZ MEASURING TELEPOLE 1.72-10.5MM	8	\$600.00
SLT-8/9	CARRY BAG FOR VTT-1/8M & VTT-1/9M	-	\$47.00
VTT-1/9M	RITZ MEASURING TELEPOLE 1.76-12.05MM	9	\$650.00



Northpower Fishing Competition



The annual Northpower fishing competition has become an event anticipated and enjoyed by many. This year's competition was no exception, with eager teams and fantastic weather for the duration of the event.

Size, on average, was a little bit down on last year, but comments heard at the prize giving were that numbers were up.

TransNet along with Tyco Electronics were once again the premier sponsors, and provided some very well received prizes for the main classes. The winner of the Heaviest Snapper (Men) with a fish weight of 6.47kg was Matthew Campbell. The winner of the Heaviest Snapper for women, with a fish weight of 5.34kg Pamela Raimona. The team with the most snapper overall were Northpower Whangaeri with a total of 18.74kg.

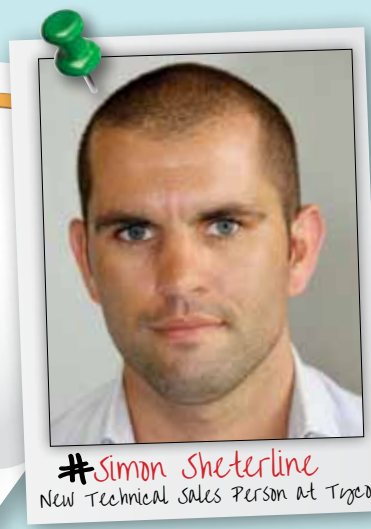
Congratulations to all those that took part, and a special thanks to the organising committee for another well run event.

New member joins TE Energy NZ

Simon Sheterline has joined the TE Energy Division as Technical Sales Engineer

- * An experienced cable joiner + comes to us with vast industry knowledge
- * Will assist Paul Godfrey with technical customer training
- * Great addition to the Tyco/TransNet Technical Team 😊

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