

Construction News - Engineering

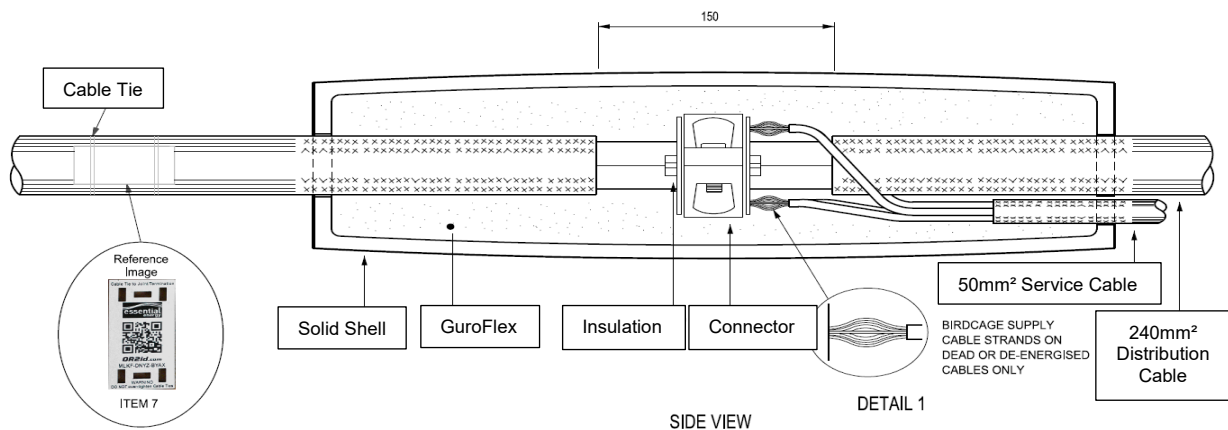
Revised Service Tee Joint now available for use

- > A revised Service Tee Joint has been developed to reduce costs to customers particularly where a two-lot subdivision is created requiring an additional supply.
- > Standards drawing CEOM7204.03 has been updated to showing the new design details.
- > CEOM7098 - Underground Design and Construction Manual has been updated to highlight when the revised joint may be used.

Background – what happened?

A revised Service Tee Joint has been developed to allow the connection of a 25-50mm² cable to a 240mm² cable midspan. The 25-50mm² cable can then supply a pit to allow multiple customer connections.

The joint is designed for the sheath to be removed so an insulation piercing connector can be used to connect to the phase conductor without breaking its continuity. The smaller cable can then be terminated into the connector terminals.



Improvements

Service Tee Joints were originally designed using a two-part resin as the joint insulation. This provided the joint strength when back filled but it had a two-hour curing time prior to back fill. The insulation in the new kit is a GuroFlex product (gel like substance) instead of a resin. The structure is provided by a fully supported shell that allows for immediate back fill. Further information is provided in the kit including PPE required, Material Safety Data Sheet and tools required for installation.

CEOM7098 - Underground Design and Construction Manual has been updated to with the requirements for where and when the revised joint may be used, including two lot subdivisions (CEOM7208.08 and CEOM7208.10)

What do you need to do?

Familiarise yourself with the changes to the drawing set CEOM7204, CEOM7208 and the updated CEOM7098 – Underground Design and Construction Manual.

The approved joiner performing the work must follow the QR Code process when installing the Service Tee Joint and log the appropriate information. If in doubt about the process, please contact the Essential Energy representative listed on the bottom of this Construction News.

Work Practice Tip



Ensure the joint is level prior to installing the GuroFlex



More information is available on [Standards Online](#). If you have any questions, please contact: Daniel Kelly, on 02 6589 8623.