



CABLETIGHT™ WIRE MANAGEMENT SYSTEM — DIRECT BURY SYSTEM

For far too long our industry has relied on old and outdated methods of conveying cables underground our forecourts. Franklin Electric has delivered an innovative, liquid-tight, vapour-tight wire management system solution we've been waiting for.

The UPP® brand CableTight™ Wire Management System provides a true end-to-end solution for electrical, sensor, and data wiring containment. All of the benefits of the field-proven electrofusion welded pipework system are applied to this crucial part of the forecourt installation to ensure a fully liquid-tight underground system.



HIGHLIGHTS

- Electrofusion entry seals with integrated slotted compression grommets create a leak proof system by eliminating liquid or vapour penetration.
- Direct bury entry fittings are ideal for applications where cable of 5mm to 16mm diameter are directly buried in the ground, such as grounding wires and armored power cables.
- Slotted compression grommet design allows wires to be positioned into place without having to pull them through each hole for significantly easier wire pulling.

SPECIFICATIONS

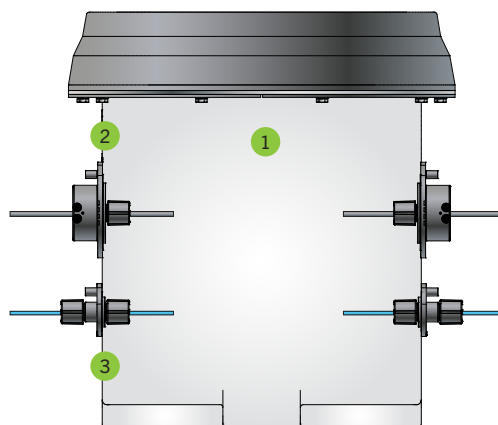
Internal Bore Diameters (conduit & ducting)	25 mm (32 mm conduit)
Max Vapour Seal Penetration (in containment)	50 mm (32 mm conduit)
Approvals /Certifications	Conduit approval to AS/NZS 2053.1:2001

Components

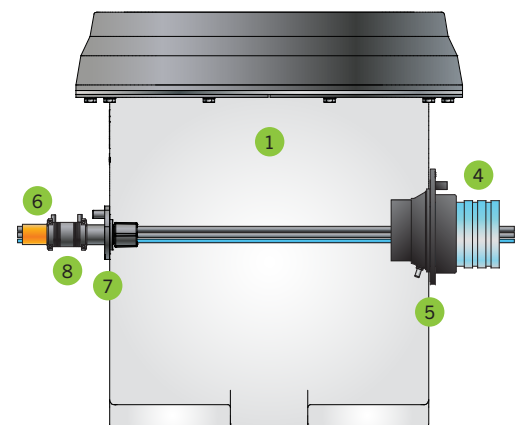
Systems and their various components installed.

- 1 Transition chamber with cover
- 2 Double direct bury entry seal
- 3 Single direct bury entry seal
- 4 110mm ducting
- 5 110mm entry seal
- 6 32mm conduit
- 7 32mm entry seal
- 8 32mm coupler

Direct Bury System



32mm and 110mm Contained



Range of grommets sold separately

ORDER INFORMATION

Direct Bury Wire Management System

Ideal for accommodating direct bury cables requiring a liquid-tight containment entry.

Direct Bury Entry Seals

Direct bury entry seals are ideal for applications where cable is directly buried in the ground. Entry seals come without compression grommets. Compression grommets must be ordered separately. All compression grommet cable entries marked with maximum diameter and will accommodate a range of wire diameters (see ranges in descriptions below).

Model	Description
302-DBC	Electrofusion single direct bury entry seal, (1) entry
303-2DBC	Electrofusion double direct bury entry seal, (2) entries
408112001	Replacement compression nut for 302-DBC and 303-2DBC

Model	Description
408107006	3 cable compression grommet - (3) 5-6mm cable entries
Typical use: Sensors, line leak detection, interstitial tank and pipe monitoring, tank gauge wiring. Corresponding plug: 408134001	

Model	Description
408107005	Cable compression grommet - (1) 7-9mm cable entry
Typical use: Tank grounding wiring. Corresponding plug: 408133001	

Model	Description
408107004	Cable compression grommet - (1) 9-11mm cable entry
Typical use: Card reader in dispenser or outdoor payment terminal wiring. Corresponding plug: 408132001	

Model	Description
408107003	Cable compression grommet - (1) 12-14mm cable entry
Typical use: Tank or dispenser power wiring. Corresponding plug: 408130001	

Model	Description
408107002	Cable compression grommet - (1) 14-16mm cable entry
Typical use: Dispenser hook signal wiring. Corresponding plug: 408129001	

Model	Description
408107007	Blank compression grommet
Typical use: Line integrity testing and future expansion.	



Grommets not included



Cable Entry Plugs

Used to seal off unused cable entries in compression grommets.

Model	Description
408134001	6mm cable entry plug
408133001	9mm cable entry plug
408132001	11mm cable entry plug
408131001	12mm cable entry plug
408130001	14mm cable entry plug
408129001	16mm cable entry plug



Direct Bury Installation Tools

Model	Description
303-CLAMP-1	Welding clamp for 303-2DBC
HS3	110mm hole saw
302-CLAMP	Welding clamp for 302-DBC
HSCS2	63mm hole saw



ORDER INFORMATION CONTINUED

32 mm CableTight™ Wire Management System

Ideal for accommodating single large and multiple smaller diameter cables.

32 mm Conduit

Model	Description
001-032-100-EC-E	32 mm conduit, orange, 100 m coil



32 mm Conduit Entry Seal

Entry seals come without compression grommets. Compression grommets must be ordered separately. All compression grommet cable entries are marked with maximum diameter and will accommodate a range of wire diameters (see ranges in descriptions below).

Model	Description
302-032-EC	Electrofusion entry seal, for 32 mm conduit
408112001	Replacement compression nut for 302-032-EC



Grommets not included

Model	Description
02-032-L	Electrofusion coupler, for 32 mm conduit



Model	Description
408107006	3 cable compression grommet—(3) 5–6 mm cable entries <i>Typical use: Sensors, line leak detection, interstitial tank and pipe monitoring, tank gauge wiring.</i> <i>Corresponding plug: 408134001</i>



Model	Description
408107005	Cable compression grommet - (1) 7-9mm cable entry <i>Typical use: Tank grounding wiring. Corresponding plug: 408133001</i>



Model	Description
408107004	Cable compression grommet—(1) 9-11 mm cable entry <i>Typical use: Card reader in dispenser or outdoor payment terminal wiring. Corresponding plug: 408132001</i>



Model	Description
408107003	Cable compression grommet—(1) 12–14 mm cable entry <i>Typical use: Tank or dispenser power wiring. Corresponding plug: 408130001</i>



Model	Description
408107002	Cable compression grommet—(1) 14–16 mm cable entry <i>Typical use: Dispenser hook signal wiring. Corresponding plug: 408129001</i>



Model	Description
408107007	Blank compression grommet <i>Typical use: Line integrity testing and future expansion.</i>



Cable Entry Plugs

Used to seal off unused cable entries in compression grommets.

Model	Description	Model	Description
408134001	6 mm cable entry plug	408131001	12 mm cable entry plug
408133001	9 mm cable entry plug	408130001	14 mm cable entry plug
408132001	11 mm cable entry plug	408129001	16 mm cable entry plug



32 mm Installation Tools

Model	Description
302-CLAMP	Welding clamp for 302-032-EC
HSCS2	51 mm hole saw



ORDER INFORMATION CONTINUED

110 mm Ducting

Model	Description
DUCT-400-250	110 mm ducting, blue, 75 m coil



110 mm Ducting Entry Seal

The 110 mm ducting entry seals is ideal for large bundles of cables running from the transition chamber back to the main kiosk.

Model	Description
304-110-TP	Electrofusion entry seal, for 110 m ducting



110 mm Ducting Installation Tools

Model	Description
304-CLAMP	Welding clamp for 304-110-TP
HS5	140 mm hole saw



Transition Chamber

Built specifically for wire management, the rugged transition chamber provides an easy access point for the electrician for maintenance or future expansion.

Model	Description
ECH-760-660-D400	Transition chamber, 700 mm x 600 mm
408109001	Removable segregation panel
VTL-750X650	Transition chamber test lid assembly, 750 mm x 650 mm



Model	Description
PCR-LIFT	Transition chamber access cover lifting tool

