

Weld Pin Protection Caps

It is a requirement of EN14125:2004 through a code of practice, CLC/TR50504, that the terminal pins of electro-fusion couplers which **are not buried in the ground shall be closed with plastic caps**. A multi-purpose cap has been designed to suit all electro-fusion fittings in the UPP System range. The design and materials have been third-party tested and certified as fit-for-purpose.

The caps are only required to be fitted when the coupler is in air (not buried in backfill) and when an explosive atmosphere is or may be present, i.e. inside chambers & sumps which will be classified as Zone 0, 1 or 2.

Note: Refer to IP 15 - IP Model Code of Safe Practice Part 15 Area classification code for installations handling flammable fluids, 2nd edition - for a definition of these hazardous areas.

Weld Pin Protection Caps are compatible with all UPP fusion elements as used in primary and secondary pipework and electro-fusion entry seals. The UPP System Weld Pin Protection Caps have the same fuel resistance as UPP containment products in which they are intended to be used.

Order Code: ESI-CAP-012 for bag of 100 pieces

Average No. of Caps required per Site, assuming the site has:

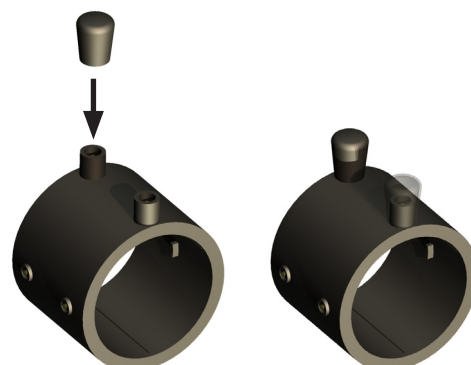
- (4) Product Lines
- (6) Tank Chambers
- (4) In-line Sumps
- (2) End Sumps
- VR1b at Vent Stack, not via Tank Chambers
- VR2 Present

Suction		Pressure	
Single Wall	Double Wall	Single Wall	Double Wall
50	90	240	380

Weld Pin Protection Cap Installation Instructions

1. After executing a fusion weld according to the electrofusion assembly process, wait for the 20 minutes cooling time.
2. After satisfactory integrity testing, press one cap firmly over each shroud surrounding the pin until fully seated.
3. Inspect the chamber / sump area to ensure that all unburied electro-fusion fittings have been securely fitted with Weld Pin Protection Caps.

Location of Weld Pins



Weld Pin Installation