Asahi/America’s PP closure coupling offers an alternative method of installing Duo-Pro double contained piping systems. The coupling slips over the outside diameter of the pipe, allowing the carrier to be welded and pressure tested before sealing the containment.

### Installation
Install using Asahi’s Polymatic welding equipment with electrofusion leads. A supplied fitting barcode scans the welding parameters and starts the weld. Closure couplings slip entirely over the containment pipe. Weld distances should be marked on the containment pipe before slipping into place.

### Design Theory
Designed using the same strict tolerances of the standard length electrofusion coil design proven to be the safest electrofusion coupling on the market. AGRU of Austria installs the electrofusion wire below the surface of the coupling. The wire is coated with a proprietary coating.

Exposed wires can lead to fire due to installation "drift". Sliding the pipe into the fitting will move the wires, causing a concentration of heat.

Asahi’s electrofusion fittings have embedded wires which do not drift during installation. Resulting in safer installations and better fusion.

### Specifications
- **Size Range:** 3” (90mm) - 8” (200mm)
- **Material:** Pro150, Pro45

### Part Number

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$x = \text{maximum allowable opening}$

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**Exposed Wires**

Exposed wires can lead to fire due to installation "drift". Sliding the pipe into the fitting will move the wires, causing a concentration of heat.

**PE Coated Wires**

PE coated wires will drift during installation as well. The added protection of the PE coating requires increased heating to fully penetrate the pipe wall.

**Embedded Wires**

Asahi’s electrofusion fittings have embedded wires which do not drift during installation. Resulting in safer installations and better fusion.