



# PVC to PE Transitions

- Lyall PVC to PE Transitions are designed to be used in the repair of existing PVC gas piping.
- The connection on the PVC side of the fitting utilizes a solvent cement procedure while the PE side can be joined by butt fusion, electrofusion or mechanical fitting.
- The assembly PE pup lengths allow use of squeeze-off tools to facilitate easy repair of PVC systems in the field.

## AVAILABLE SIZES

PVC Size	PE Size	PUP Length
1/2 IPS	1/2 CTS	18"
3/4 IPS	1/2 CTS	18"
3/4 IPS	3/4 CTS	18" or 24"
3/8 IPS	1 CTS	24"
1/2 IPS	1 CTS	24"
3/4 IPS	1 CTS	24"
1 IPS	1 CTS	24"
1 IPS	1 IPS	18"
1-1/4 IPS	1-1/4 IPS	12", 18" or 22"
2 IPS	2 IPS	12", 18" or 22"

## Lyall Quality

- Lyall is an ISO 9001 registered manufacturing facility that employs a robust quality control system.
- All fittings have been tested to meet the requirements of a Category 1 mechanical joint as defined in ASTM D2513-1999 6.10.1
- Additional testing includes Thermal Cycle (-20°F - 140°F), Quick Burst to ASTM D1599 and Sustained Pressure to ASTM D1598.

For the full scope of testing procedures and resulting data, please request a copy of the PVC to PE Transitions Technical Data Package (TDP) from your Lyall sales representative or Customer Service.

## Design & Construction

- This factory assembled Transition Fitting provides a qualified joint between a PVC socket fitting and MDPE or HDPE piping meeting the requirements of ASTM D2466 and D2513.
- The PE pipe is pressed into the PVC socket fitting and held in place utilizing a steel retainer ring.
- The PVC socket fitting is made from Polyvinyl Chloride as classified in ASTM D1784 as Type I Grade I with cell classification of 12454. The PVC is PVC0111 per ASTM D6263.

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