

## PRODUCER STATEMENT

**PRODUCT DESCRIPTION:** 90mm x 6m Slotted Polyethylene Effluent Pipe

**PRODUCT CODE:** 900.90.6.E

**PRODUCT SIZE(s):** 90mm

**PRODUCT STANDARD(s):** AS/NZS 1547:2012

### **PRODUCT HISTORY:**

This product has been produced since 1997 as has been successfully installed in a large number of domestic onsite applications throughout the North Island since then.

**PRODUCT LIFE:** By convention, plastics pipe systems are often designed on the basis of 50 years extrapolated test data. This is established international practise but is not intended to imply the service life of the drainage pipes is limited to 50 years. For correctly manufactured and installed systems, the actual life cannot be predicted, but can logically be expected to be well in excess of 100 years before major rehabilitation is required.

### **PRODUCT INFORMATION:** (Purpose/Application)

The purpose for this slotted 90mm Polyethylene pipe is for use in domestic onsite wastewater applications where a standard single or dual chamber septic tank has been installed. 90mm is an acceptable size for the use of effluent disposal from a traditional septic tank system.

Prior to the introduction of the Polyethylene pipe option, traditionally standard uPVC had been used, however in 1997 Strata Plastics went to the use of the Polyethylene pipe option as a means of reducing damage of the product during transport or installation. As well as that, Polyethylene provided a better flow characteristic to uPVC. To ensure that we remained with the relevant standards we also had the Polyethylene run to be Lilac which was the industry standard for effluent. The slot pattern used is 2 rows of 10mm slots @ 400mm spacing's with slots to be alternating between the two rows.

### **METHOD OF CONSTRUCTION:**

Our slotted Polyethylene uses a semi-automatic slotting machine which has multiple banks of cutting blades fixed at the required spacing. The pipe is set up to allow suitable movement through the machine as well as allow for easy repacking in preparation for freighting.

### **RAW MATERIALS:**

1. Iplex Pipelines - Polyethylene 90mm x 6m Lengths. Manufactured in accordance with AS/NZS 4130:2009 to SDR 41
2. Iplex Pipelines – Injection Moulded Coupler

### **Strata Plastics**

P +64 7 846 7239  
F +64 7 846 7240  
E [info@strataplastics.co.nz](mailto:info@strataplastics.co.nz)  
W [www.strataplastics.co.nz](http://www.strataplastics.co.nz)

36 Tawn Place  
PO Box 5315  
Frankton • Hamilton 3242  
New Zealand

**EQUIPMENT USED:**

1. Strata designed and built semi-automatic slotting machine

**MANUFACTURING PROCESS:**

1. Set machine up to the required pipe size & slot configuration
2. Set up pipe on slotting frame and feed through the slotting machine. Slot the first metre of pipe and review for correctness against the required pattern. Make any adjustments to the machine as required.
3. Regularly review that the slot pattern is consistent and cutting correctly.
4. On completion, prepare for freighting.

**MANUFACTURERS DETAILS:** Strata Precision Plastics 2013 Ltd

**MANUFACTURERS FACTORY'S:** 789 Te Rapa Street, Hamilton

**QUALITY MANAGEMENT:** Strata Precision Plastics are accredited by Telarc NZ as having a compliant Q-Base Quality Management System.

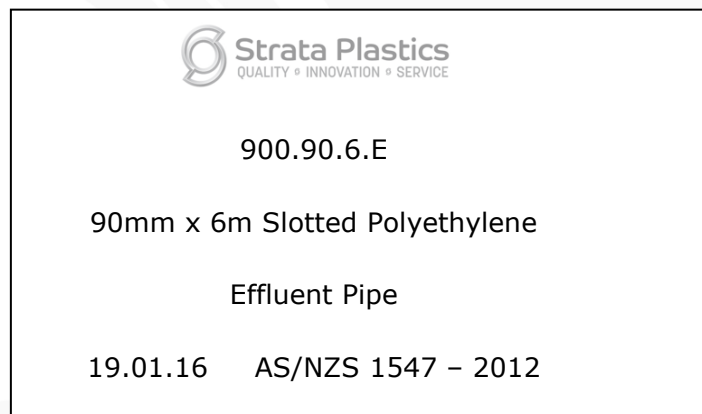
**INSTALLATION REQUIREMENTS:**

All care should be taken to during installation to keep pipe aligned correctly as Polyethylene is a flexible material. No technical design has been completed on the load capability of the product by either Strata Precision Plastics 2013 Ltd or Iplex Pipelines Ltd.

**MAINTENANCE REQUIREMENTS:**

A Strata Even flow distribution box is recommended to ensure equal flow of liquid is going down all branches of the effluent field.

**PRODUCT LABEL**



**PRODUCT PHOTO &/or DRAWING:**



**Glossary of Terms**

M&F	Male and Female ends
F&F	Female and Female ends
RRJ	Rubber Ring Joint
SCJ	Solvent Cement Joint
SN	Stiffness Nominal
SDR	Standard Dimensional Ratio
QA	Quality Assurance