



<p><b>Iplex Pipelines NZ Limited</b> Technical Services Laboratory</p>	<p><b>Client Number 53</b></p>						
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<p><b>Telephone 06 358-2004</b></p>	<p><b>www.iplex.co.nz</b></p>						
<p><b>Authorised Representative</b> Mr Matthew Burton Laboratory Manager</p>							
<p><b>Programme</b> Mechanical Testing Laboratory</p>							
<p><b>Accreditation Number 61</b></p>	<p><b>Initial Accreditation Date 2 May 1977</b></p>						
<p><b>Conformance Standard</b> ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories</p>							
<p><b>Laboratory Services Summary</b></p> <p>4.69                      Plastics and Plastic Products</p>							
<p><b>Key Technical Personnel</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">Mr Matthew Burton</td> <td style="width: 20%; text-align: right;">4.69</td> </tr> <tr> <td>Mr Dennis Dugmore</td> <td style="text-align: right;">4.69</td> </tr> <tr> <td>Mr Andrew Kerlake</td> <td style="text-align: right;">4.69</td> </tr> </table>		Mr Matthew Burton	4.69	Mr Dennis Dugmore	4.69	Mr Andrew Kerlake	4.69
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<p>Operations Manager Authorisation:</p>		<p>Issue 32</p>	<p>Date: 14/04/26</p>	<p>Page 1 of 2</p>
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Iplex Pipelines NZ Limited  
 Mechanical Testing Laboratory  
**SCOPE OF ACCREDITATION**

Accreditation Number 61

**4.69 Plastics and Plastic Products**

**The following tests in accordance with AS/NZS 1462**


- Part 1:2006                      Dimensions (pipe & fittings)
- Part 3:1998                     Pipe impact characteristics at 20° C
- Part 4:2002                     Pipe reversion test
- Part 6:2008                     Pipe long term hydrostatic pressure test (excluding angular deflection and offset)
- Part 8:2008                     The leak tightness of assemblies (excluding deflection test)
- Part 11:1996                    High temperature stress relief testing of fittings
- Part 13:2006                    Seal joint
- Part 16:2006                    Pipe high temperature test
- Part 19:2006                    C-ring test for fracture toughness of PVC pipes
- Part 22:2023                    Pipe stiffness
- Part 23:2006                    Ring flexibility

**The following tests in accordance with AS/NZS 4129:2020**

Resistance to internal pressure, electrofusion joint

**The following test in accordance with other methods:**

- ISO 13953:2001                Determination of the tensile strength of butt-fused polyethylene (PE) pipe assemblies
- ISO 23228:2011                Determination of the stress-rupture resistance of moulding materials using plain strain grooved tensile (PSGT) specimens
- ISO 3127:1994                 Thermoplastic Pipes – Determination of resistance to external blows
- BS EN ISO 11357-3:2018      Differential Scanning Calorimetry (DSC) Determination of temperature and enthalpy of melting and crystallization
- BS EN ISO 11357-6:2018      Differential Scanning Calorimetry (DSC) Determination of oxidation induction time and oxygen induction temperature

Operations Manager Authorisation:		Issue 32	Date: 14/04/26	Page 2 of 2
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