
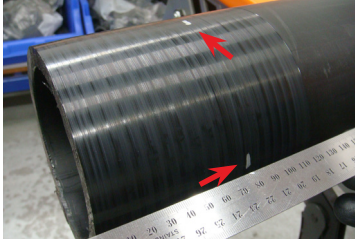

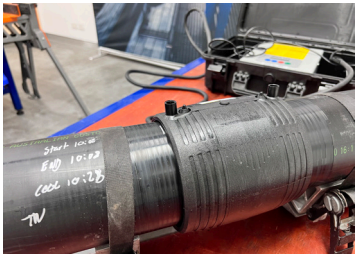


PE Electrofusion Welding Process Checklist (step-by-step)

Process	Action 1	Action 2	Action 3
<p>7. Clean peeled area only, using manufacturer approved > 90% Alcohol wipes</p> 	<p>7.1 Only wipe inside the peeled zone to prevent introducing contamination, outside the unpeeled area.</p> <div style="border: 2px solid red; padding: 2px; display: inline-block; color: red; font-weight: bold;">CRITICAL FACTOR</div>	<p>7.2 Wipe away from the pipe end in one direction - not back and forth.</p>	<p>7.3 Alcohol solution must fully evaporate / flash off prior to joint assembly.</p>
<p>8. Mark pipe insertion depth</p> 	<p>8.1 Using a marking pen, measure half the length of the fitting.</p>	<p>8.2 Measure and mark the pipe end, at 4 points around the pipe circumference.</p>	<p>If necessary, pipe rerounding clamps can be installed at the pipe insertion depth mark.</p>
<p>9. Insert pipe into fitting and check annular gap, with alignment clamps fitted</p> 	<p>9.1 Note gaps? (Yes / No) If Yes, how big is the gap? _____mm</p>	<p>9.2 Check: annular gap should be evenly distributed around the socket mouth.</p>	<p>Straightening clamps can be used when pipe curvature (i.e. coiled pipe) prevents smooth insertion into the fitting, including prevention of pipe misalignment.</p>
<p>10. Electrofusion Welding</p>	<ul style="list-style-type: none"> • Is manufacturer's welding time completed? (Yes / No) • Are there any Welding Machine Error Message? (Yes / No) If Yes, what are the error messages? _____ _____ 	<p>DO NOT remove alignment clamps until cooling time elapses: (Yes / No)</p>	<p>Is manufacturer's cooling time completed? (Yes / No)</p>
<p>11. Post Weld Inspection</p> 	<p>11.1 Inspect the fitting to ensure molten polymer has not extruded from the socket mouth, or visible heating wires displaced between the joint annular gap.</p>	<p>11.2 Check that the melt fusion indicator pins have fully risen.</p>	<p>11.3 Check the pipe has not moved during welding by ensuring the insertion depth mark is in the same position as marked on the pipe surface during joint assembly.</p>