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| Version | Date | Description of Revisions |
| 1 | August 30, 2006 | Approved final document. |
| 2 | June 25, 2014 | First draft review comments (AV) |
| 3 | June 8, 2015 | Second Draft for Review (AV) |
| **4** | **September 16, 2015** | **Updated, Finalized Specification – Reference eDOCS #5823650-v4 (AV)** |
| **5** | **May 18, 2017** | **Updated Reference Standards** ASTM D2657-07 (2015) [ASTM D4101-14e2 (AAM)](http://www.astm.org/Standards/D2665.htm) |
| 6 | August 15, 2017 | Removal of specified products |

NOTE:

This is a CONTROLLED Document. Any documents appearing in paper form are not controlled and should be checked against the on-line file version prior to use.

**Notice:** This Document hardcopy must be used for reference purpose only.

**The on-line copy is the current version of the document.**

## References

### American Society for Testing Materials (ASTM)

#### ASTM D2657-07 (2015), Standard Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings

#### [ASTM D4101-14e2,](http://www.astm.org/Standards/D2665.htm) [Standard Specification for Polypropylene Injection and Extrusion Materials](http://www.astm.org/Standards/D4104.htm)

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| Item | Size | Description |
| Pipe | 12 mm – 50 mm | 1. Polypropylene: Virgin un-pigmented, Type 1, ASTM D4101-14e2, Schedule 80, using no antioxidants, plasticizers, or pigments. . 2. Pressure rating shall be a minimum of 1,034 kPa at 22.8 degrees Celsius. 3. Piping shall be factory sealed in a protective wrap. |
| Fittings | All | 1. Polypropylene; as specified under Pipe above. 2. Socket type ends shall conform to the requirements of ASTM D2657-07(2015). 3. Fittings shall be factory sealed in a protective wrap. |
| Joints | All | 1. Socket-weld type, electrically fused. 2. Temperatures, times, and pressures of fusion shall be in accordance with the manufacturer’s requirements. 3. Pipe joining equipment shall be provided by the pipe and fitting manufacturer. |

**END OF SECTION**