



FUSION JOINING FOR DIFFERENT WALL THICKNESSES

System design and/or system repair often results in a need to heat fuse pipes of unlike dimension ratio (DR). The generally accepted industry "rule of thumb" is to allow fusion joining of pipes with one DR difference. For example, DR11 to DR13.5 or DR9 to DR11.

The generic butt fusion procedures in the PPI TR-33 apply as written.

When fusion joining pipes of unlike DR, calculate fusion gauge pressure based upon the higher DR (thinner wall) pipe.

If further guidance is required or if questions arise concerning any particular application of polyethylene pipe, please feel free to contact the Engineering Department at (800) 847-7661.

NOTICE: The data contained herein is a guide to the use of PolyPipe® polyethylene pipe by Dura-Line and fittings and is believed to be accurate and reliable. However, general data does not adequately cover specific applications, and its suitability in particular applications should be independently verified. In all cases, the user should assume that additional safety measures may be required in the safe installation or operation of the project. Due to the wide variation in service conditions, quality of installation, etc., no warranty or guarantee, expressed or implied, is given in conjunction with the use of this material.