



WEATHERABILITY OF POLYPIPE® POLYETHYLENE PRESSURE PIPE

The questions "How long does polyethylene pipe stand up to the effects of weathering in outdoor storage?" or "How long does polyethylene pipe last in aboveground applications?" often arise. The proper answer to these questions depends upon the type of polyethylene pipe in use.

PE2708 Yellow Gas Pipe: 4 Years

PolyPipe® medium density yellow gas pipe product is suitable for aboveground storage periods not to exceed four years. Note: ASTM D2513-09a, "Standard Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings", specifies a minimum of three years from date of manufacture. Plastic gas pipe must be buried per DOT regulations.

PE4710 Black Pressure Pipe: 50 Years

PolyPipe® black high density polyethylene piping products are suitable for long-term aboveground storage with a 50 year maximum storage time. In addition, these products are suitable for long-term service in aboveground applications. Plastic gas pipe must be buried per DOT regulations.

PolyStripe™ Polyethylene Pipe

PolyPipe® black high density polyethylene piping products with a color stripe are suitable for long-term aboveground storage with a 2 year maximum storage time for all colors except yellow. PolyPipe® yellow-striped pipe has been formulated for a 4 year maximum outdoor storage time.

Non-Black PE4710 Pressure Pipe: 2 Years

PolyPipe® gray high density polyethylene piping is suitable for aboveground storage periods not to exceed two years from date of manufacture. Further, these products are not designed for long-term use in aboveground applications.

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 940-727-3278.

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.