



Standard Specification for Impervious Graphite Pipe and Threading¹

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1. Scope

1.1 The purpose of this specification is to standardize the pipe sizes and types of threads used to join impervious graphite pipe and fittings. The thread standards may also be applied to impervious carbon pipe and fittings. It is limited to physical dimensions.

2. Terminology

2.1 Definitions of Terms Specific to This Standard:

2.1.1 *impervious graphite*—manufactured graphite that has been impregnated with a resinous material to make the final article impervious to liquids in the recommended operating range.

2.1.2 *impervious carbon*—the same as impervious graphite with the exception that the base stock has not been graphitized.

3. Requirements for Impervious Graphite Pipe

3.1 The eight standard pipe sizes are shown in Table 1 with permissible variations in dimensions.

3.2 Fig. 1 gives the male thread dimensions for impervious graphite pipe.

3.3 Fig. 2 gives the female thread dimensions for impervious graphite fittings.

4. Keywords

4.1 impervious carbon pipe; impervious graphite pipe; threading specifications

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