

# Recommended Practice for Care and Use of Fiberglass Tubulars

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# Recommended Practice for Care and Use of Fiberglass Tubulars

## 1 Scope

The purpose of this recommended practice is to provide information on packing, transporting, handling, storing, inspecting, and installing fiberglass tubulars in oilfield usage.

Trouble-free service and maximum safety should result if this recommended practice is followed. Fiberglass tubulars differ in properties from metallic tubular goods, and different installation techniques are required.

NOTE The recommendations listed in this document are applicable to normal situations. Exceptional conditions may require different practices. It is not intended that these practices conflict with any regulatory code.

## 2 Normative References

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any addenda) applies.

API Specification 5B, *A Specification for Threading, Gauging and Thread Inspection of Casing, Tubing and Line Pipe Threads*

API Recommended Practice 5B1, *Gauging and Inspection of Casing, Tubing and Line Pipe Threads*

API Specification 15HR, *A Specification for High Pressure Fiberglass Line Pipe*

ASTM D1599<sup>1</sup>, *A Test Method for Short-Time, Hydraulic Failure Pressure of Plastic Pipe, Tubing and Fittings*

ASTM D2584, *A Test Method for Ignition Loss of Cured Reinforced Resins*

ASTM D3839, *A Standard Practice for Underground Installation of Flexible Reinforced Thermosetting Resin Pipe and Reinforced Plastic Mortar Pipe*

AWWA C-950,<sup>2</sup> *AWWA Standard for Fiberglass Pressure Pipe*

AWWA M-45, *Fiberglass Pipe Design*

## 3 Terms, Definitions, Abbreviations, and Symbols

### 3.1 Terms and Definitions

#### 3.1.1

##### **breakout**

The process of unscrewing threaded connections.

#### 3.1.2

##### **casing**

A tubular that is cemented to the wellbore and used to maintain wellbore integrity.

#### 3.1.3

##### **casing and tubing application**

An application where the tubular is installed vertically inside a well.

<sup>1</sup> ASTM International, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428, [www.astm.org](http://www.astm.org).

<sup>2</sup> American Water Works Association, 6666 W. Quincy Avenue, Denver, Colorado 80235, [www.awwa.org](http://www.awwa.org).