



Standard Specification for Food Waste Pulper Without Waterpress Assembly¹

This standard is issued under the fixed designation F 1899; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers pulper assemblies intended for grinding of food scraps and limited amounts of cardboard, paper, and disposable plastic food service wear.

1.2 The values as stated in inch-pound units are to be regarded as the standard. The values stated in parentheses are provided for information only.

1.3 The following safety hazards caveat pertains only to the test method portion, Section 13, of this specification:

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

A 6/A 6M Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling²

A 29/A 29M Specification for Steel Bars, Carbon and Alloy, Hot-Wrought and Cold-Finished, General Requirements for³

A 120 Specification for Pipe, Steel, Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless for Ordinary Uses⁴

A 126 Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings⁵

A 167 Specification for Stainless Steel and Heat-Resisting Chromium/Nickel Steel Plate, Sheet and Strip⁶

A 269 Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service⁷

A 276 Specification for Stainless Steel Bars and Shapes⁶

A 436 Specification for Austenitic Gray Iron Castings⁵

A 442/A 442M Specification for Pressure Vessel Plates, Carbon Steel, Improved Transition Properties⁸

A 505 Specification for Steel, Sheet and Strip, Alloy, Hot-Rolled and Cold-Rolled, General Requirements for⁶

A 513 Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing⁷

A 519 Specification for Seamless Carbon and Alloy Steel Mechanical Tubing⁷

A 532/A 532M Specification for Abrasion-Resistant Cast Irons⁵

A 554 Specification for Welded Stainless Steel Mechanical Tubing⁷

A 582/A 582M Specification for Free-Machining Stainless and Heat-Resisting Steel Bars⁶

A 681 Specification for Tools Steel Alloy³

B 43 Specification for Seamless Red Brass Pipe, Standard Sizes⁹

B 75 Specification for Seamless Copper Tube⁹

D 2000 Classification System for Rubber Products in Automotive Applications¹⁰

D 2287 Specification for Nonrigid Vinyl Chloride Polymer and Copolymer Molding and Extrusion Compounds¹¹

D 3915 Specification for Rigid Poly (Vinyl Chloride) (PVC) and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds for Plastic Pipe and Fittings Used in Pressure Applications¹²

D 3951 Practice for Commercial Packaging¹³

E 674 Specification for Industrial Perforated Plate and Screens (Round Opening Series)¹⁴

F 104 Classification System for Nonmetallic Gasket Materials¹⁰

F 437 Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80¹⁵

F 439 Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80¹⁵

F 441/F 441M Specification for Chlorinated Poly (Vinyl

¹ This specification is under the jurisdiction of ASTM Committee F26 on Food Service Equipment and is the direct responsibility of Subcommittee F26.01 on Cleaning and Sanitation Equipment.

Current edition approved Sept. 10, 2003. Published Sept. 2003. Originally approved in 1998. Last previous edition approved in 1998 as F 1899 – 98.

² *Annual Book of ASTM Standards*, Vol 01.04.

³ *Annual Book of ASTM Standards*, Vol 01.05.

⁴ Discontinued; see 1986 *Annual Book of ASTM Standards*, Vol 01.01.

⁵ *Annual Book of ASTM Standards*, Vol 01.02.

⁶ *Annual Book of ASTM Standards*, Vol 01.03.

⁷ *Annual Book of ASTM Standards*, Vol 01.01.

⁸ Discontinued; see 1990 *Annual Book of ASTM Standards*, Vol 01.04.

⁹ *Annual Book of ASTM Standards*, Vol 02.01.

¹⁰ *Annual Book of ASTM Standards*, Vol 09.02.

¹¹ *Annual Book of ASTM Standards*, Vol 08.01.

¹² *Annual Book of ASTM Standards*, Vol 08.02.

¹³ *Annual Book of ASTM Standards*, Vol 15.09.

¹⁴ *Annual Book of ASTM Standards*, Vol 14.02.

¹⁵ *Annual Book of ASTM Standards*, Vol 08.04.