

CHAPTER 14

MANDATORY REFERENCED STANDARDS

TABLE 14-1
Standards for Materials, Equipment, Joints and Connections

Where more than one standard has been listed for the same material or method,
the relevant portions of all such standards shall apply.

Standard Number	Standard Title	Application	Indicate if Not Approved in the UPC
AHAM DW-1-92	Household Electric Dishwashers	Appliances	
AHAM DW-2PR-86	Plumbing Requirements for Household Dishwashers	Appliances	
AHAM FWD-1-83	Food Waste Disposers	Appliances	
AHAM HLW-2 PR-86	Plumbing Requirements for Home Laundry Equipment	Appliances	
ANSI A13.1-81(R93)	Scheme for the Identification of Piping Systems	Piping	
ANSI A21.10-93	Ductile-Iron and Gray-Iron Fittings, 3 in. Through 48 in. (75 mm Through 1200 mm), for Water and Other Liquids (same as AWWA C110)	Piping, Ferrous	
ANSI A21.11-90	Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings (same as AWWA C111)	Piping, Ferrous	
ANSI A21.51-91	Ductile-Iron Pipe, Centrifugally Cast, for Water (same as AWWA C151)	Piping, Ferrous	
ANSI A21.53-88	Ductile-Iron Compact Fittings, 3 in. Through 24 in. (76 mm Through 610 mm) and 54 in. Through 64 in. (1,400 mm Through 1,600 mm), for Water Service (same as AWWA C153)	Piping, Ferrous	
ANSI A40.3-93	Stainless steel	Piping, Ferrous	
ANSI A106.6-70	Vitrified Clay Pipe (now CSA A60.1M1976(C1992))	Piping, Non-Metallic	
ANSI A106.6-77	Silver brazing joints for wrought and cast bronze solder joint fittings	Joints	
ANSI A112.14.1-75 (R90)	Backwater Valves	Valves	
ANSI A112.19.5-79	Trim for Water-Closet Bowls, Tanks and Urinals	Fixtures	
ANSI A112.21.2M-83	Roof Drains	DWV Components	
ANSI A118.10-93	Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone Installations	Fixtures	
ANSI B2.1-90	Pipe Threads (Except Dryseal) (replaced by ASME B1.20.1-98)	Joints	
ANSI B125.1-84	Steel pipe (galvanized)	Piping, Ferrous	
ANSI B125.2-72	Steel pipe (galvanized)	Piping, Ferrous	
ANSI Z21.10.1a-94	Gas Water Heaters - Volume I - Storage Water Heaters with Input Ratings of 75,000 BTU per Hour or Less (22 kW)	Appliances	
ANSI Z21.10.1b-92	Gas Water Heaters - Volume I - Storage Water Heaters with Input Ratings of 75,000 BTU per Hour or Less (22 kW)	Appliances	
ANSI Z21.10.3-90	Gas Water Heaters - Volume III - Storage, with Input Ratings Above 75,000 Btu per Hour, Circulating and Instantaneous Water Heaters	Appliances	
ANSI Z21.10.3a-94	"	Appliances	
ANSI Z21.10.3b-92	"	Appliances	

Standard Number	Standard Title	Application	Indicate if Not Approved in the UPC
ASTM F 405-96	Corrugated polyethylene (PE) Tubing and Fittings	Piping, Plastic	
ASTM F 409-96a	Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings (Note 1)	Piping, Plastic	
ASTM F 437-96a	Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Sch. 80	Piping, Plastic	
ASTM F 438-96a	Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Sch. 40	Piping, Plastic	
ASTM F 439-96b	Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Sch. 80	Piping, Plastic	
ASTM F 441-96b	Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Sch. 40 and 80	Piping, Plastic	
ASTM F 442-96b	Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)	Piping, Plastic	
ASTM F 443-77 ^{e1} [D]	Bell-End Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe, Schedule 40 (discontinued 1987)	Piping, Plastic	
ASTM F 480-95	Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR) Schedule 40 and Schedule 80	Piping, Plastic	
ASTM F 493-97	Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings	Joints	
ASTM F 628-96	Acrylonitrile-Butadiene-Styrene (ABS) Sch. 40 Plastic Drain, Waste and Vent Pipe with a Foam Core (Notes 1 & 3)	Piping, Plastic	
ASTM F 656-96a	Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings	Joints	
ASTM F 667-95	Large Diameter Corrugated Polyethylene Tubing and Fittings	Piping, Plastic	
ASTM F 789-95a	Type PS-46 and type PS-115 Poly(Vinyl Chloride) (PVC) Plastic Gravity Flow Sewer Pipe and Fittings (Note 1)	Piping, Plastic	
ASTM F 794-95a	Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter	Piping, Plastic	
ASTM F 810-93	Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal Absorption Fields	Piping, Plastic	
ASTM F 845-95	Plastic Insert Fittings For Polybutylene (PB) Tubing	Piping, Plastic	
ASTM F 876-97	Crosslinked Polyethylene (PEX) Tubing	Piping, Plastic	X
ASTM F 877-96a	Crosslinked Polyethylene (PEX) Plastic Hot- and Cold-Water Distribution Systems	Piping, Plastic	
ASTM F 891-96	Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core	Piping, Plastic	
ASTM F 949-96a	Poly(Vinyl Chloride) (PVC) Corrugated Sewer Pipe with a Smooth Interior and Fittings	Piping, Plastic	
*ASTM F 1216-93	Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube	Piping, Plastic	
ASTM F 1281-98	Crosslinked Polyethylene/ Aluminum/ Crosslinked Polyethylene (PEX-Al-PEX) Pressure Pipe	Piping, Plastic	X
ASTM F 1282-98	Polyethylene/ Aluminum/ Polyethylene (PE-Al-PE) Composite Pressure Pipe	Piping, Plastic	X
ASTM F 1412-96	Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems	Piping, Plastic	
ASTM F 1673-95	Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems	Piping, Plastic	