

List of products of harmonised standards

Code 28: PIPES-TANKS AND ANCILLARIES NOT IN CONTACT WITH WATER INTENDED FOR HUMAN CONSUMPTION

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 295-1	Vitrified clay pipe systems for drains and sewers — Part 1: Requirements for pipes, fittings and joints	Vitrified clay pipes, fittings and flexible joints for buried drain and sewer systems for the conveyance of wastewater	Pipes, fittings and joints	Installations for transport/disposal/storage of water not intended for human consumption	4	M/131
				Installations in areas subject to reaction to fire regulations, used for transport/disposal/storage of water not intended for human consumption	1, 3, 4	
EN 295-4	Vitrified clay pipe systems for drains and sewers — Part 4: Requirements for adaptors, connectors and flexible couplings	Adaptors and connectors made from vitrified clay and/or other suitable materials for use with vitrified clay pipes and fittings for buried drain and sewer systems for the conveyance of wastewater	Fittings and joints	Installations for transport/disposal/storage of water not intended for human consumption	4	M/131
				Installations in areas subject to reaction to fire regulations, used for transport/disposal/storage of water not intended for human consumption	1, 3, 4	
EN 295-5	Vitrified clay pipe systems for drains and sewers — Part 5: Requirements for perforated pipes and fittings	Perforated pipes and compatible fittings made from vitrified clay with or without sockets for use in land drains and drainage of waste tips	Pipes and fittings	Installations for transport/disposal/storage of water not intended for human consumption	4	M/131
				Installations in areas subject to reaction to fire regulations, used for transport/disposal/storage of water not intended for human consumption	1, 3, 4	
EN 295-6	Vitrified clay pipes systems for drain and sewers — Part 6: Requirements for components of manholes and inspection chambers	Components for vitrified clay manholes and inspection chambers for buried drain and sewer systems for the conveyance of wastewater	Manholes and inspection chambers	Carriageways, parking areas, hard shoulders and outside buildings	4	M/131 M/118
				For use(s) when subject to regulations on reaction to fire	1, 3, 4	
EN 295-7	Vitrified clay pipe systems for drains and sewers — Part 7: Requirements for pipes and joints for pipe jacking	Vitrified clay pipes and joints for pipe jacking for buried drain and sewer systems for the conveyance of wastewater	Pipes and fittings	Installations for transport/disposal/storage of water not intended for human consumption	4	M/131
				Installations in areas subject to reaction to fire regulations, used for transport/disposal/storage of water not intended for human consumption	1, 3, 4	
EN 331	Manually operated ball valves and closed bottom taper plug valves for gas installations for buildings	Specifications for the characteristics for the construction, performance and safety of ball valves and closed bottom taper plug valves	Valves and taps	In installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the boiler/heater/cooler system(s) of the building(s)	3	M/131
				In installations in areas subject to reaction to fire regulations, used for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building	1	

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 598	Ductile iron pipes, fittings, accessories and their joints for sewerage applications — Requirements and test methods	Requirements and associated test methods applicable to ductile iron pipes, fittings, accessories and their joints for the construction of drains and sewers outside buildings	Ductile iron pipes, fittings, accessories and their joints for sewerage applications	Drains and sewers operating without pressure or with positive or negative pressure, installed below or above ground, for conveyance of surface water, domestic wastewater and certain types of industrial effluents either in separate systems or in mixed systems	4	M/131
EN 681-1	Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 1: Vulcanized rubber	Requirements for materials used in vulcanized rubber seals for: - cold potable water supply (up to 50°C); - hot potable and non- potable water supply (up to 110 °C); - drainage, sewerage and rainwater systems (continuous flow up to 45 °C and intermittent flow up to 95 °C).	Joint sealings	In installations for the transport/disposal/storage of water not intended for human consumption	4	M/131
EN 681-2	Elastomeric Seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 2: Thermoplastic elastomers	Requirements for materials used for moulded seals only of thermoplastic elastomers used in joints of: - thermoplastic piping systems for non-pressure waste water discharge (intermittent flow up to 95 °C) inside buildings; - thermoplastic piping systems for non-pressure underground drainage and sewerage (continuous flow up to 45 °C and intermittent flow up to 95 °C); - thermoplastic rainwater piping systems.	Joint sealings	In installations for the transport/disposal/storage of water not intended for human consumption	4	M/131
EN 681-3	Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 3: Cellular materials of vulcanized rubber	Requirements for materials used in vulcanized rubber seals of cellular materials for: - non pressurized drainage, sewerage and rainwater systems; - non-pressure non-potable water supply (continuous flow up to 45 °C).	Joint sealings	In installations for the transport/disposal/storage of water not intended for human consumption	4	M/131
EN 681-4	Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 4: Cast polyurethane sealing elements	Requirements for materials used in factory cast polyurethane sealing elements used in joints for drainage, sewerage and rainwater systems and non potable water supply	Joint sealings	In installations for the transport/disposal/storage of water not intended for human consumption	4	M/131
EN 682	Elastomeric Seals — Materials requirements for seals used in pipes and fittings carrying gas and hydrocarbon fluids	Requirements for elastomeric materials used in seals for supply pipes and fittings, ancillaries and valves at operating temperatures in general from -5 °C up to 50 °C and in special cases from -15 up to 50 °C	Joint sealings	In installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the boiler/heater/cooler system(s) of the building(s)	3	M/131
EN 877	Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings — Requirements, test methods and quality assurance	Iron pipeline components used for the construction of discharge systems for buildings and of drains, normally as gravity systems	Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings	Discharge systems for buildings and drains outside buildings, for the conveyance of domestic wastewater and surface water (including rain water)	4	M/131
				Installations in areas subject to reaction to fire regulations, used for transport/disposal/storage of water not intended for human consumption	3, 4	

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 969	Ductile iron pipes, fittings, accessories and their joints for gas pipelines — Requirements and test methods	Requirements and associated test methods applicable to ductile iron pipes, fittings, accessories and their joints used for the construction of pipelines outside buildings: - to convey air or combustible gases at pressures up to 16 bar; - to be installed below or above ground.	Pipes, fittings, accessories and their joints	In installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the boiler/heater/cooler system(s) of the building(s)	3	M/131
EN 1057	Copper and copper alloys — Seamless, round copper tubes for water and gas in sanitary and heating applications	Requirements, sampling, test methods and conditions of delivery for seamless round copper tubes having an outside diameter from 6 mm up to and including 267 mm for: - distributing networks for hot water and cold water; - hot water heating systems, including panel heating systems; - domestic gas and liquid fuel distribution; - waste water sanitation.	Piping kits Pipes Tanks Leakage alarm systems and overflow prevention devices, Fittings, adhesives, joints, joint sealings and gaskets Ducts and conduits for protection (except those covered by the LVD) Pipe/duct supports Valves and taps Safety ancillaries	In installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the boiler/heater/cooler system(s) of the building(s)	3	M/131
				In installations in areas subject to reaction to fire regulations, used for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building	1	
				In installations for the transport/disposal/storage of water not intended for human consumption	4	
				Installations in areas subject to reaction to fire regulations, used for transport/disposal/storage of water not intended for human consumption	4	
EN 1123-1	Pipes and fittings of longitudinally welded hot-dip galvanized steel pipes with spigot and socket for waste water systems — Part 1: Requirements, testing, quality control	Requirements, tests and quality control for longitudinally welded, hot-dip galvanized steel pipes and fittings with spigot and socket for use in waste water systems usually operating under gravity or at a low head of pressure	Pipes and fittings of longitudinally welded, hot-dip galvanized steel pipes with spigot and socket	Conveyance of waste water in systems usually operating under gravity or at a low head of pressure inside and outside buildings	4	M/131
EN 1124-1	Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems — Part 1: Requirements, testing, quality control	Requirements, tests and quality control for longitudinally welded stainless steel pipes and fittings with spigot and socket for use in waste water systems usually operating under gravity or at a low head of pressure	Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket	Conveyance of waste water in systems usually operating under gravity or at a low head of pressure inside and outside buildings	4	M/131
EN 1916	Concrete pipes and fittings, unreinforced, steel fibre and reinforced	Requirements, description and test methods for precast concrete pipes and fittings, unreinforced, steel fibre and reinforced, with flexible joints and nominal sizes not exceeding DN 1750 for units with a circular bore or WN/HN 1200/1800 for units with an egg-shaped bore, for which the main intended use is the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, in pipeline that are generally buried	Pipes, fittings, joints	Installations for transport/disposal/storage of water not intended for human consumption	4	M/131 M/118

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 10224	Non-alloy steel tubes and fittings for the conveyance of aqueous liquids including water for human consumption — Technical delivery conditions	Requirements for seamless and welded non-alloy steel tubes, for end preparation of tube ends for butt welding and for fittings fabricated from the tube or from plate or strip	Non-alloy steel tubes and fittings	Installations for transport/disposal/storage of water not intended for human consumption	4	M/131
EN 10255	Non-Alloy steel tubes suitable for welding and threading — Technical delivery conditions	Requirements for circular non-alloy steel tubes suitable for welding and threading of specified outside diameter 10,2 mm to 165,1 mm	Non-alloy steel tubes and fittings	In installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the boiler/heater/cooler system(s) of the building(s)	3	M/131
				In installations for transport/disposal/storage of water not intended for human consumption	4	
EN 10311	Joints for the connection of steel tubes and fittings for the conveyance of water and other aqueous liquids	Requirements for the strength and integrity of the joints for connecting low alloy steel tubes and steel tubes and fittings for use with aqueous liquids	Joints or jointing systems for tubes and/or fittings	Installations for transport/disposal/storage of water not intended for human consumption	4	M/131
EN 10312	Welded stainless steel tubes for the conveyance of aqueous liquids including water for human consumption — Technical delivery conditions	Technical delivery conditions for light gauge welded stainless steel tubes, primarily for water application, including water intended for human consumption, supplied in straight lengths and suitable for use with compression fittings or press fittings or for adhesive bonding, silver brazing or inert gas welding of capillary fittings. Size range from 6 mm to 267 mm	Steel tubes	Installations for transport/disposal/storage of water not intended for human consumption	4	M/131
EN 12285-2	Workshop fabricated steel tanks — Part 2: Horizontal cylindrical single skin and double skin tanks for the aboveground storage of flammable and non-flammable water polluting liquids	Requirements for metallic shop fabricated cylindrical, horizontal steel tanks, single and double skin for the aboveground storage of flammable and non-flammable water polluting liquids	Steel tanks	In installations for the transport/disposal/storage of water not intended for human consumption	4	M/131
				In installations for the transport/distribution/storage of fuel intended for the supply of building heating/cooling systems	3	
				In installations in areas subject to resistance to fire regulations, used for the transport/distribution/storage of fuel intended for the supply of building heating/cooling systems	1	
EN 13160-1	Leak detection systems — Part 1: General principles	Specifications for the general principles for leak detection systems for use with double-skin tanks, single-skin tanks and pipework designed for water polluting fluids	Products for leak detection systems	In installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems	3	M/131
				In installations for the transport/disposal/storage of water not intended for human consumption	4	
EN 13341	Static thermoplastic tanks for above ground storage of domestic heating oils, kerosene and diesel fuels — Blow moulded and rotationally moulded polyethylene tanks and rotationally moulded tanks made of anionically polymerized polyamide 6 — Requirements and test methods	Requirements for materials, physical properties and performance of single blow moulded and rotationally moulded polyethylene tanks and rotationally moulded tanks made of anionically polymerized polyamide 6, with or without reinforcements	Static thermoplastic tanks	In installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems	3	M/131

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 13616	Overfill prevention devices for static tanks for liquid petroleum fuels	Specifications for the minimum performance and construction requirements for various types of overfill prevention devices which are limited to static tanks of shop fabricated manufacture.	Overfill prevention devices	In installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems	3	M/131
		It covers devices for underground tanks and also above ground tanks with a maximum height of 5m. This standard applies to devices: - for liquid petroleum fuels, having a flash point up to but not exceeding 100 °C; - for use at ambient temperatures in the range from -25 °C to +60 °C; - subject to normal operational pressure variations.		Installations for transport/disposal/storage of water not intended for human consumption	4	
EN 14680	Adhesives for non-pressure thermoplastic piping systems — Specifications	Requirements and test methods for adhesives used for joining the components of unplasticised poly(vinyl chloride) (PVC-U), chlorinated poly(vinyl chloride) (PVC-C), acrylonitrile-butadiene-styrene (ABS) and styrene copolymer blends (PVC+SAN) thermoplastic piping systems for non-pressure applications	Adhesives for non-pressure thermoplastic piping systems	In installations for the transport/disposal/storage of water not intended for human consumption	4	M/131
EN 14800	Corrugated safety metal hose assemblies for the connection of domestic appliances using gaseous fuels	Requirements of performance, the material and the test methods of corrugated safety metal gas hose assemblies for the connection of domestic appliances, in order to achieve safe operation using gas at a pressure lower than 0,5 bar	Pipes	In installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building	3	M/131
				In installations in areas subject to reaction to fire regulations, used for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building	1	
EN 14814	Adhesives for thermoplastic piping systems for fluids under pressure — Specifications	Requirements and test methods for adhesives used for joining the components of unplasticised poly(vinyl chloride) (PVC-U), chlorinated poly(vinyl chloride) (PVC-C), acrylonitrile-butadiene-styrene (ABS) and styrene copolymer blends (PVC+SAN) thermoplastic piping systems for fluids under pressure	Adhesives for thermoplastic piping systems for fluids under pressure	In installations for the transport/disposal/storage of water not intended for human consumption	4	M/131 M/136
	Safety gas connection valves for metal hose	Valves suitable for connection of the fixed gas supply		In installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building	3	

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 15069	assemblies used for the connection of domestic appliances using gaseous fuel	valves suitable for connection of the fixed gas supply to domestic appliances inside or outside a dwelling	SC valves	In installations in areas subject to reaction to fire regulations, used for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building	1, 3, 4	M/131