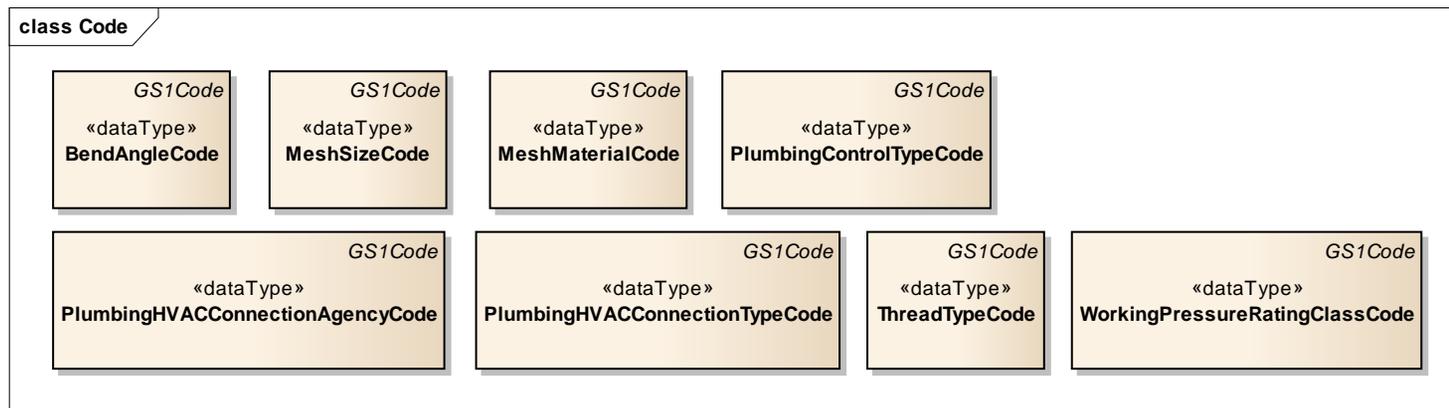
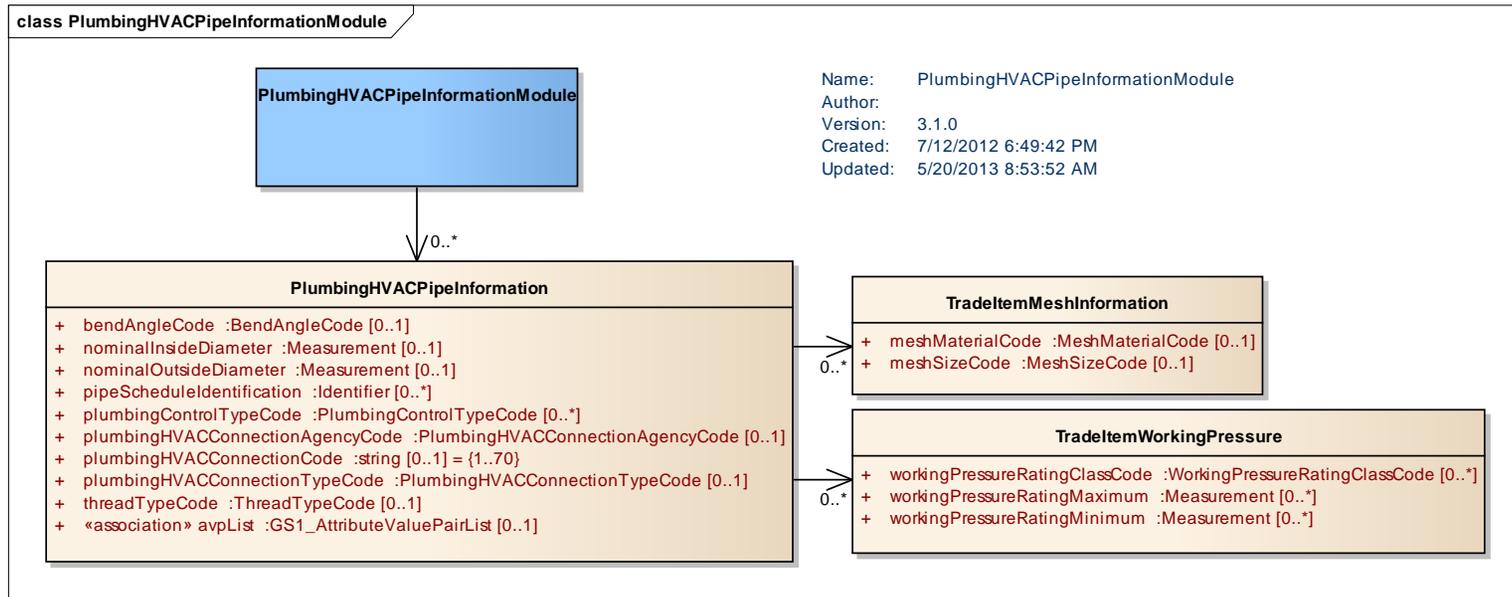




## 5.44. Plumbing HVAC Pipe Information Module





content	attribute / role	datatype /secondary class	multiplcity	definition
PlumbingHVACPipeInformation				Plumbing and HVAC information for a trade item.
Association		TradeItemMeshInformation	0..*	Information related to mesh trade items.
Association		TradeItemWorkingPressure	0..*	Information related to the working pressure of a trade item.
Association	avpList	GS1_AttributeValuePairList	0..1	Attribute value pair information.
Attribute	bendAngleCode	bendAngleCode	0..1	The type of bend or angle for the product. For example a pipe made to turn a corner might have a bend angle of 90 degrees.
Attribute	nominalInsideDiameter	Measurement	0..1	The measurement of the nominal (not the exact measurement) inside diameter of the plumbing connection point of the trade item.
Attribute	nominalOutsideDiameter	Measurement	0..1	The measurement of the nominal (not the exact measurement) outside diameter of the plumbing connection point of the trade item.
Attribute	pipeScheduleIdentification	Identifier	0..*	The pipe schedule or rating size as defined by an external agency for example Schedule 40 or SDR-9. A pipe schedule is how this is classified in regards to the functions of the pipe including type of medium (e.g. solid, liquid or gas) and pressure rating.
Attribute	plumbingControlTypeCode	PlumbingControlTypeCode	0..*	The mechanism used for the flow control of the unit for example faucet, handle, wheel, electronic actuator.
Attribute	plumbingHVACConnectionAgencyCode	PlumbingHVACConnectionAgencyCode	0..1	The agency which controls the standards used to determine the design for a plumbing HVAC connection type and dimensions.
Attribute	plumbingHVACconnectionCode	string	0..1	A code determining the connection point on the trade item that the plumbing connection type refers to. This code is determined by standards established by the plumbing HVAC connection agency.
Attribute	plumbingHVACconnectionTypeCode	PlumbingHVACConnectionTypeCode	0..1	The type of plumbing HVAC connection points available for the trade item for example grooved joint. The connection type(s) will help determine how this trade item can connect to other products.



content	attribute / role	datatype /secondary class	multipli city	definition
Attribute	threadTypeCode	ThreadTypeCode	0..1	The type of pipe threading available on the product. Threading is the grooves onto which another unit or part can be screwed to make a connection
PlumbingHVACPipeInformationModule				Pipe and heating, ventilation, and air conditioning information for a trade item.
Association		PlumbingHVACPipeInformation	0..*	Pipe and heating, ventilation, and air conditioning information for a trade item.
TradeItemMeshInformation				Information related to mesh trade items.
Attribute	meshMaterialCode	MeshMaterialCode	0..1	The material used to create the mesh strainer in the product. The mesh provides particulate filtration for the unit.
Attribute	meshSizeCode	MeshSizeCode	0..1	The size of the openings in the mesh strainer of the product as an integer. The mesh provides particulate filtration for the unit.
TradeItemWorkingPressure				Information related to the working pressure of a trade item.
Attribute	workingPressureRatingClassCode	WorkingPressureRatingClassCode	0..*	The state of the medium being pushed through the pipe for example water or steam in relation to determining working pressure.
Attribute	workingPressureRatingMaximum	Measurement	0..*	The maximum approved working pressure rating for the product for a specific medium state (water, gas, etc).
Attribute	workingPressureRatingMinimum	Measurement	0..*	The minimum approved working pressure rating for the product for a specific medium state (water, gas, etc).