

PVC Items		
Spec Nbr		Item Description
708.05	PVC Gravity Pipe	
	Typically used in storm drain and sanitary sewer applications. These will also be used for encasement pipe applications and some non-pressurized irrigation systems.	
	Note, if an encasement application has to have options other than PVC (e.g. steel), use the standard drainage item with the options listed in the summary frame.	
	All items	
	ASTM D1784, minimum SDR 35 for all sizes and types	
	ASTM D2729 for perforated pipe.	
	There are three options for these items with additional specifications.	
708.05.2	Type PSM Polyvinyl	PIPE-PVC <size>
	Sizes 4" through 15"	
	ASTM D3034	
708.05.3	Large Diameter Polyvinyl	PIPE-PVC <size>
	Sizes 18" through 48"	
	ASTM F679	
708.05.4	Profile Wall	PIPE-PROFILE WALL PVC <size>
	Sizes 4" through 36"	
	ASTM F949	
708.05.1	PVC Conduit - schedule 40 and/or schedule 80	PIPE-PVC CONDUIT <size>
	Used in non-electrical applications; generally in areas outside the roadway.	
	ASTM D1784	
708.06	PVC Pressure Pipe	
	Used in water line applications and some sanitary sewer. These are also used for irrigation systems that are pressurized.	
708.06.1	Pressurized Water Pipe	PIPE-PVC PRESS <size>-WATER
	Sizes 4" through 12"	
	AWWA C-900, DR25 Class 165	
	Sizes 14" through 48"	
	AWWA C-905, DR25 Class 165	
708.06.2	Pressurized Sewer Pipe	PIPE-PVC PRESS <size>-SANITARY
	ASTM D2241	
Include a special provision with the requirements for other sizes not indicated.		

Corrugated Polyethylene (HDPE) Items		
Spec Nbr		Item Description
708.07	Corrugated Polyethylene Drainage Pipe	
	Corrugated HDPE underdrains used in geotechnical applications (rigid).	
	Sizes 3" through 10"	PIPE-CORR POLYETHYLENE DR <size>
	AASHTO M 252	
	Note, perforated (SP) and non-perforated (S) quantities are combined into one item.	
	Corrugated HDPE drains used in hydraulic applications (rigid).	
	Sizes 12" through 48"	PIPE-CORR POLYETHYLENE <size>
	AASHTO M 294	
708.08	High Density Polyethylene Pipe	
	All Items	
	ASTM D3350	
	There are two options for these items with additional specifications.	
708.08.1	Pressurized Polyethylene Pipe	PIPE-PRESS POLYETHYLENE <size>
	Sizes 3" and less	
	ASTM D2737, DR 7 Class 200	
708.08.2	Solid Wall Polyethylene Pipe	PIPE-SW-POLYETHYLENE <size>
	Sizes greater than 3"	
	ASTM F714	