





PVC Couplings and Fittings Approved For Use With PVC Well Casing^{1,2}
May 15, 2014

Pipe Diameter	Type of Connection	ASTM D2466, SCH 40 Socket x Internal Thread 	ASTM D2466, SCH 40 Socket x External Thread 	ASTM D2466, SCH 40 Socket x Socket 	ASTM F480, SDR 21 "Bell x Bell" PVC Well Casing 
4-inch	Pitless Unit	Yes	No	No	No
	Screen w/Threaded End	Yes	Yes	No	No
	PVC Screen w/Plain End	No	No	Yes	Yes
	PVC Casing to PVC Casing	No	No	Yes "deep socket" only ³	Yes
5-inch	Pitless Unit	Yes	Yes	No	No
	Screen w/Threaded End	Yes	Yes	No	No
	PVC Screen w/Plain End	No	No	Yes	Yes
	PVC Casing to PVC Casing	No	No	No	Yes
6-inch	Pitless Unit	Yes	No	No	No
	Screen w/Threaded End	Yes	Yes	No	No
	PVC Screen w/Plain End	No	No	Yes	Yes
	PVC Casing to PVC Casing	No	No	No	Yes

- ¹ All PVC couplings/fittings must have the seal or mark of the laboratory evaluating the product for potable use (this will almost always be the “NSF-PW” marking).
- ² In addition to the listed couplings and fittings, there are other pitless connections meeting the requirements of Minnesota Rules, part 4725.4850, which may be used. These include clamp-on type pitless adapters, and pitless units which connect to the PVC casing using a gasket compression fitting, such as “Dresser” type or Baker-Monitor “Kwikonect.”
- ³ ASTM D2466 Schedule 40 socket x socket fittings for 4-inch casing with socket depths of 2.5 inches or greater may be used to join two pieces of plain end 4-inch diameter PVC well casing together. “Standard” ASTM D2466 fittings with 2-inch socket depths must not be used.

The use of brand names is for illustrative purposes only and does not constitute endorsement by the Minnesota Department of Health.

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