

567—49.15(455B) Drop pipe.

49.15(1) *Discharge pipe.* Galvanized, black, or stainless steel drop pipe shall be minimum SCH 40 wall thickness when threaded. Minimum SCH 10 stainless is allowed with mechanical joint type systems. PVC drop pipe shall be minimum SCH 80 wall thickness. SCH 80 machined PVC, brass, stainless steel couplings, or equivalent thickness cast couplings (including mechanical joints), shall be used with PVC pipe. Polyethylene drop pipe shall meet the minimum specifications of ASTM D3350-21. Only brass or stainless steel fittings can be used on polyethylene drop pipe. If polyethylene drop pipe is used, the outside diameter of the pump shall be at least one inch smaller than the inside diameter of the well casing.

49.15(2) *Check valve.* For potable water installations, all pumps shall have a check valve within 20 feet of the pump for pump installations without drain-back aeration. For pump installations with drain-back aeration, the check valve shall be below the pitless adapter.

[ARC 9196C, IAB 5/14/25, effective 6/18/25]