

TABLE 7-1
Materials for Drain, Waste and Vent Pipe and Fittings

Material	Underground Drain, Waste and Vent Pipe and Fittings	Above ground Drain, Waste and Vent Pipe and Fittings	Building Sewer Pipe and Fittings	Referenced Standard(s) Pipe	Referenced Standard(s) Fittings
ABS (Schedule 40)	X	X	X	ASTM D1527, ASTM D2661, ASTM D2680 ¹ ASTM F628	ASTM D2661, ASTM D2680 ¹
Co-extruded ABS (Schedule 40)	X	X	X	ASTM F1488	ASTM D2661, ASTM D2680 ¹
Polyolefin (Schedule 40)	X	X	X	ASTM F1412, CSA B181.3	ASTM F1412, CSA B181.3
Polyvinylidene Fluoride (PVDF Schedule 40)	X	X	X	ASTM F1673	ASTM F1673
PVC (Schedule 40, Type DWV)	X	X	X	ASTM D1785, ASTM D2665, ASTM F794 ¹ ,	ASTM D2665, ASTM F794 ¹ , ASTM F1866
Co-extruded PVC (Schedule 40)	X	X	X	ASTM F1488 ASTM F891	ASTM D2665, ASTM F794 ¹ , ASTM F1866

¹ For Building Sewer applications.

intervals or less and the maximum length of any vertical drainage pipe of a given size shall be in accordance with Table 7-4.

703.4 Size of Horizontal Branches and Vertical Stacks for More Than Three Branch Intervals. The maximum number of drainage fixture units allowed on a vertical stack, branch interval and total for stacks exceeding three branch intervals shall be in accordance with Table 7-4. Vertical stacks shall be sized, based on the total accumulated connected load at each story or branch interval.

703.4.1 Horizontal Stack Offsets. Horizontal stack offsets shall be sized in accordance with Table 7-4 as required for building drains.

703.4.2 Vertical Stack Offsets. Vertical stack offsets shall be sized in accordance with Table 7-4 as required for vertical stacks, based on the total accumulated connected load for stacks exceeding three branch intervals.

703.4.3 Horizontal Stack Offsets and Horizontal Branch Connections. Horizontal branch connections shall not connect to a horizontal stack offset

or within 60cm (2 ft.) above or below the offset where such horizontal offset is located exceeding 4 branch intervals below the top of the stack.

703.5 For alternate method of sizing drainage piping, see Appendix L.

704.0 Fixture Connections (Drainage).

704.1 Drainage piping shall be provided with approved inlet fittings for fixture connections, correctly located according to the size and type of fixture proposed to be connected.

704.2 Two fixtures set back-to-back, or side-by-side, within the distance allowed between a trap and its vent shall be permitted to be served by a single vertical drainage pipe, provided that each fixture wastes separately into an approved double-fixture fitting having inlet openings at the same level.

704.3 Pot sinks, scullery sinks, dishwashing sinks, silverware sinks, commercial dishwashing machines, silverware-washing machines, and other similar fixtures shall be connected directly to the drainage