ROCKY MOUNTAIN COLBY

PVC Schedule 40 Cellular Core ASTM F-891

SUBMITTAL SPECIFICATION DATA SHEET

1. PRODUCT NAME
Polyvinyl Chloride (PVC) Cellular Core Plastic Pipe for Drainage, Waste and Vent Systems

2. PRODUCT DESCRIPTION
Basic Use: Sanitary drainage, waste, and vent systems and storm drainage systems. PVC pipe can be used in residential, commercial and industrial applications. Pipe and fittings are joined by solvent cementing. There is a full complement of PVC drainage pattern fittings available for DWV applications. Pipe and fittings are available in size 1-1/4 inch through 12 inches in diameter.
Composition and Materials: PVC is a thermoplastic material made with virgin PVC compounds meeting the ASTM D 4396 requirements of cell classification 11432.
Grades: PVC pipe is identified as Schedule 40 pipe. This indicates the wall thickness of the pipe. The pipe can also be installed above or below grade.
Limitations: PVC pipe is intended to be used in any conventional sanitary drainage or storm drainage system. Pipe is resistant to certain chemicals, however, specific analysis must be performed before pipe is considered for any special waste system. Contact the pipe manufacturer for a detailed list of chemicals that can be satisfactorily discharged through PVC pipe. Plastics are affected by ultraviolet (U/V) radiation. Pigments are added to the PVC to make pipe and fittings resistant to degradation. Pipe and fittings may be exposed to sunlight during construction, however, prolonged exposure is not advised. PVC pipe and fittings can withstand the normal temperatures encountered in a sanitary and storm drainage system. Recommended maximum temperature for continuous drainage applications is 140°F.

3. TECHNICAL DATA
Applicable Standards: PVC for cellular core conforms to either ASTM F-891.
Quality Control: Pipe and fittings are listed and inspected by a third party. They conform to National Sanitation Foundation Standard NSF 14, IAPMO - Uniform Plumbing Code and the Canadian Standards Association.
Fire Protection: PVC pipe and fittings are combustible materials, however, they may be installed in noncombustible buildings. In all cases the model building codes have determined that PVC must be protected at penetrations of walls, floors, ceilings, and fire resistance rated assemblies. The method of protecting the pipe penetration is by a through penetration protection assembly that has been tested and rated in accordance with ASTM E814. This assembly must have been tested and given an "F" rating. The "F" rating must be a minimum of the hourly rating of the fire resistance rated assembly that the PVC plastic pipe penetrates. Verify local code interpretations related to through penetrations with the jurisdiction having authority.
Plumbing Codes: PVC pipe is permitted to be used in any sanitary drainage, waste, and vent system and storm drainage system without limitation, in the following model plumbing codes: BOCA National Plumbing Code, NAPHCC National Standard Plumbing Code and SBCCI Standard Plumbing Code. PVC plastic pipe is limited to being installed in buildings three stories above grade or less in height by the IAPMO Uniform Plumbing Code. Verify acceptance and installation of PVC piping systems with local code enforcement authorities having jurisdiction.

USA Sizes & Packaging

PVC SCHEDULE 40 DRAIN, WASTE, AND VENT PIPE WITH A CELLULAR CORE ASTM F-891
Listed with NSF® and IAPMO

Nominal Pipe Size	Average O.D.	Average Wall	Length	Lift Size	Pieces per Lift
1 1/2"	1.900"	0.145"	20'	5,180'	259
2.00"	2.375"	0.154"	20'	3,340'	167
3.00"	3.500"	0.216"	20'	1,500'	75
4.00"	4.500"	0.237"	20'	960'	48
6.00"	6.625"	0.280"	20'	360'	18

APPROVAL:
Schedule 40 drain waste and vent pipe shall be Rocky Mountain Colby Pipe Company PVC DWV Cellular Core manufactured to ASTM F891 and certified by a recognized listing agency.

INFORMATION:
Contact the Sales Office at (619) 437-8581, or email to sales@rmcp.com.