

SECTION 1038 -- PLASTIC PIPE

1038.01 -- Description

Polyethylene (PE), polyvinyl chloride (PVC), acrylonitrile butadiene styrene (ABS), and other NDR approved plastic pipes are authorized for use except when a pipe passes under the traveled way.

1038.02 -- Material Characteristics

1. Polyethylene (PE) pipes and fittings shall conform to the requirements in Table 1038.01.

Table 1038.01

Polyethylene Pipe	
Size	Specification
305 to 910 mm	AASHTO M 294, Type S
460 to 1220 mm	ASTM F 894, Open Profile, RSC 160

2. Polyvinyl chloride (PVC) pipe and fittings shall conform to the requirements in Table 1038.02.

Table 1038.02

Polyvinyl Chloride Pipe	
Size	Specification
100 to 910 mm	ASTM F 949
100 to 375 mm	ASTM D 3034 SDR 35
150 to 375 mm	ASTM D 2680
460 to 910 mm	ASTM F 679
100 to 1200 mm	ASTM F 794, Open Profile, Series 46

3. Acrylonitrile butadiene styrene (ABS), composite pipe and fittings, and polyvinyl chloride (PVC) shall conform to the requirements of ASTM D 2680.
4. Plastic flared-end sections shall be configured as shown in the plans.
5. Corrugated plastic pipe underdrains shall conform to the requirements of AASHTO M 252.
6. Flared-end sections shall conform to the requirements in Section 1036.

1038.03 -- Acceptance Requirements

Plastic pipe will be accepted based on the requirements of this Section and a manufacturer's certificate of compliance indicating compliance with the requirements in this Section.