

Pipe Underdrain

Type of Construction	Material	Test	Frequency of Acceptance Samples and Tests for Job Control	Construction Stages for Obtaining Sample or Test	Sample Size	Procedures		Remarks
						Sampling Method	Test Methods	
Pipe Underdrain	Concrete Pipe		Pretested and stenciled DOT and Technician Number per ALDOT 364				Visual for damage	See ALDOT-364
	Corrugated Steel	Chemical and Physical	Certified Test Reports	See ALDOT-195			Visual for damage See ALDOT-330	Submit BMT-60 with certification
	Coated Corrugated Steel		See ALDOT-330					
	Corrugated Aluminum							
	Coated Corrugated Aluminum							
	Vitrified Clay		Pretested by supplier. See ALDOT-364	Before installation See ALDOT-195			Visual for damage	Must be from an approved source
	Poly Vinyl Chloride (PVC)	Physical and Chemical	Certified Test Report and sample on project for samples less than 250mm (10in) diameter; Certified Test Reports only 250mm (10in) and above. A lot shall be defined as every different manufacturer's production lot as shipped.	Before installing See ALDOT-195	One 3 ft. (1 m) length each lot for samples less than 250mm (10in) diameter. Sample must include required markings.	ALDOT-210		Submit sample to Central Lab.BMT-1 required for each sample if submitting multiple samples.

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						Sampling Method	Test Methods	
	High Density Polyethylene (HDPE)	Physical and Chemical	Certified Test Report and sample on project for samples less than 250mm (10in) diameter; Certified Test Reports only 250mm and above. A lot shall be defined as every different manufacturer's production lot as shipped.	Before installing See ALDOT-195	One 3 ft. (1 m) length each lot for samples less than 250mm (10in) diameter. Sample must include required markings.	ALDOT-210		Submit sample to Central Lab. BMT-1 required for each sample if submitting multiple samples.
	Polypropylene Pipe (PP)							
	Filter Fabric (When Required)	See Section 605						
	Filter Material (Coarse Aggregate)	Gradation Unit Weight	Pretested by the material source. See ALDOT-249	Before incorporation in work See ALDOT-195	AASHTO T-27	AASHTO T-2	AASHTO T-27 ALDOT-253 AASHTO T-19	Use Work Sheet Form BMT-33, Report Form BMT-6
	Fine Aggregate Local or Commercial	Gradation	Pretested by supplier. See ALDOT-249	Before incorporation in work See ALDOT-195	AASHTO T-27	AASHTO T-2	AASHTO T-27 ALDOT-253	Use Work Sheet Form BMT-33, Report Form BMT-6
		Permeability	See Section 315 for requirements, pretested by the material source.					Submit samples to Central Lab. Use BMT-1