

**CORRUGATED POLYETHYLENE TUBING
and
ACRYLONITRATE BUTADIENE STYRENE (ABS) PIPE
FOR UNDERDRAINS**

CORRUGATED POLYETHYLENE TUBING

<i>Manufacturers</i>	<i>Product</i>
<p>ADS/Hancor, Inc. (Plants – Ennis, Tx.; Jackson, Ms.; Livermore, Ky.; Vicksburg, Ms.) 4640 Trueman Blvd. Hillard, OH. 43026-2438 614-658-0050 (formerly Hancor, Inc. / formerly Advanced Drainage Systems, Inc.)</p>	<p>A/H (Green Stripe) A/H (Blue Stripe) ADS Arkansas Highway Grade Hancor Arkansas Highway Grade</p>
<p>Plastic Tubing Industries of Texas, Inc. Rt. 1, Box 456-A Waller, Texas 77484 888-784-7473</p>	<p>PTI Polyethylene Underdrain</p>
<p>Prinsco, Inc. P.O. Box 265 West Highway 7 Prinsburg, Minnesota 56281</p>	<p>Prinsco Polyethylene Underdrain</p>
<p>Springfield Plastics R.R. 1, Box 171 Auburn, IL 62615 800-451-8453</p>	<p>Arkansas Highway Grade</p>

ACRYLONITRATE BUTADIENE STYRENE (ABS) PIPE

None Approved.

Method of Documentation of Acceptance: By brand and manufacturer.

The following procedure is to be used in acquiring approval of Corrugated Polyethylene Tubing and Acrylonitrile Butadiene Styrene (ABS) Pipe for Underdrain to be placed on the Qualified Products List:

1. Corrugated polyethylene tubing shall be the heavy duty type and shall comply with AASHTO M 252. The tubing shall have a minimum pipe stiffness of 46 psi (3.23 kg/cm²) at 5% deflection and shall be capable of 60 percent vertical deflection in parallel plate loading without splitting or cracking when tested in accordance with ASTM D 2412. Corrugated polyethylene tubing shall have AASHTO M 252, Class 2 perforations. Fittings shall be of the same composition and have the same physical properties as the pipe and shall not restrict flow.

2. Acrylonitrile butadiene styrene (ABS) pipe shall be extruded from virgin ABS complying with AASHTO M 264. Fittings shall be of the same composition and have the same physical properties as the pipe and shall not restrict flow. Perforations shall be approximately circular and cleanly cut; shall have nominal diameters not less than 3/16" (5 mm) nor more than 3/8" (10 mm); and shall be arranged in at least two rows parallel to the axis of the pipe.

3. The manufacturer will provide the Materials Division with a notarized test report from a recognized laboratory listing actual results from testing of production samples of the material. Accompanying this report will be a statement by the manufacturer indicating compliance to material specifications.

4. Sample(s) shall be submitted to the Materials Division for further testing and evaluation.

5. When deemed necessary by the Materials Engineer and at a frequency determined by him, random samples from each manufacturer shall be taken and tested.

6. Material failure may be considered sufficient reason to discontinue acceptance of material from the manufacturer, determination of which shall be by the Materials Engineer.

