
MATERIAL SPECIFICATION
MS-OR-305 CORRUGATED PLASTIC TILE

305.1 SCOPE

This specification governs the quality of corrugated plastic tubing and fittings, CPT, used for subsurface drainage.

305.2 GENERAL REQUIREMENTS

The manufacturer of corrugated plastic tile is governed by the American Society of Testing Materials, ASTM, or Natural Resources Conservation Service, NRCS, standards and shall be marked as set forth:

| <u>Material</u> | <u>Size, inches</u> | <u>Standard</u> |
|-----------------------------------------------------------|---------------------|-----------------|
| Polyethylene, PE (Perforated & Non-Perforated) | 3,4,5 & 6 | ASTM F-405* |
| Polyethylene, PE | 8,10,12,15,18 & 24 | ASTM F-667* |
| Polyethylene, PE | 18 & 24 | NRCS PS-606 |
| Polyvinyl Chloride, PVC Corrugated Sewer Pipe | 3,4,5,6 & 8 | ASTM F-949 |
| Polyvinyl Chloride, PVC Sewer Pipe (4-inch Perforated) | 2,3,4,5 & 6 | ASTM D-2729 |
| Polyvinyl Chloride, PVC Sewer Pipe, Type PSP | 4,6,8,10,12 & 15 | ASTM D-3033 |
| Polyvinyl Chloride, PVC Sewer Pipe, Type PSM | 4,6,8,10,12 & 15 | ASTM D-3034 |
| Reprocessed Polyethylene PE, Material | 3,4,5 & 6 | NRCS PS-606 |

***ASTM Specifications have been supplemented to include brittleness and bending requirements of NRCS-PS-606.**