

## **SUMMARY OF POLYVINYL CHLORIDE PIPE**

This chart is a summary of the outside diameter and S.D.R. (the ratio of wall thickness to outside diameter rounded upward to the nearest 0.5) of P.V.C. pipe manufactured under the various ASTM and ASAE specifications. The P.S.I is included with the water pipes for cross reference to the S.D.R.

The chart can be used to compare P.V.C. pipes and evaluate which may be used in conservation practices to provide equal strength(s) and to find pipes which have equal outside diameter.

The base material of all these pipes is of equivalent design strength; therefore, pipes of about the same S.D.R. value will have the same strength factors, whether the pipe is called water pipe, sewer pipe, or conduit. The type and quality of joint or gasket joint will, however, affect the internal pressure the pipe can handle.

There are very few manufacturers who make adaptors for changing from one O.D. to another O.D. of the same nominal diameter pipe manufactured under a different ASTM; therefore, mixing sewer pipe, iron pipe sizes, irrigation pipe, etc. on the same job is definitely not recommended.