

Strength classes for concrete pipes (reinforced)

U.S.A. ASTM C76 (imperial)

The strength test requirements in pounds-force per linear foot of pipe under the three-edge-bearing test shall be either the D.load (test load expressed in pounds-force per linear foot per foot of diameter) to crack, or the D.loads to produce the 0.01-inch crack and the ultimate load as specified below, multiplied by the diameter of the pipe in feet

	Class 1	Class 2	Class 3	Class 4	Class 5
crack	800	1000	1350	2000	3000
ultimate	1200	1500	2000	3000	3750

U.S.A. ASTM C76 (metric)

The strength test requirements in newtons per linear meter of pipe under the three-edge-bearing test shall be either the D.load (test load expressed in newtons per linear meter per millimeter of diameter) to crack, or the D.loads to produce the 0.25 mm crack and the ultimate load as specified below, multiplied by the diameter of the pipe in millimeters

	Class 1	Class 2	Class 3	Class 4	Class 5
crack	38.3	47.9	64.6	95.8	144.0
ultimate	57.4	71.8	95.8	144.0	180.0

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produce a 0.01-inch
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hod (T.E.B. test)
to produce a 0.25 mm
ed by the internal