HCP Infrastructure

Product sheet

Reinforced concrete pipe

Round and elliptical pipe for storm, sanitary, and culvert use, in Classes III–V.

Round	Elliptical	Made to	Quality
15" to 72"	**14"×23" to 43"×68"**	**ASTM C76 and C507**	**NPCA certified**



Product sheet

Reinforced concrete pipe

Overview

Round pipe to ASTM C76 and elliptical pipe to ASTM C507, in 8' laying lengths from an NPCA-certified plant.

Applications

Storm sewers | Sanitary sewers | Culverts | Outfalls

Why concrete pipe

- Rigid pipe holds its shape, with no deflection
- Strength doesn't depend on backfill quality
- Non-combustible and UV-resistant
- Gasketed joints for watertight runs
- Elliptical: more flow under shallow cover

Sizes and weights

Round pipe, Class III

Diameter	Wall (in)	Weight (lb/ft)
15"	2.25	145
18"	2.50	180
24"	3.00	277
30"	3.50	427
36"	4.00	518
36" (Wall C)	4.75	683
42"	4.50	691
48"	5.00	867
54"	6.25	1,263
60"	6.75	1,496
72"	7.75	2,023

Elliptical pipe (HE), Class III

Rise × span	Equiv. round	Wall (in)	lb/ft
14"×23"	18"	3.25	262
19"×30"	24"	3.75	334
24"×38"	30"	4.25	426
29"×45"	36"	4.75	611
34"×53"	42"	5.00	794
38"×60"	48"	5.75	981
43"×68"	54"	6.25	1,208

All pipe in 8' laying lengths. Weights are approximate. Request submittal drawings for design.

Joints, options, and standards

Joints

Rubber gasket joints to ASTM C443

Storm joints to ASTM C1628

Options

Wall B, or Wall C at 36"

Matching headwalls and wingwalls

Classes III–V

Standards

ASTM C76 · C507 · C443 · C1628

AASHTO M170

NPCA plant certification

Request a quote

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