



PVC PROFILE PIPE

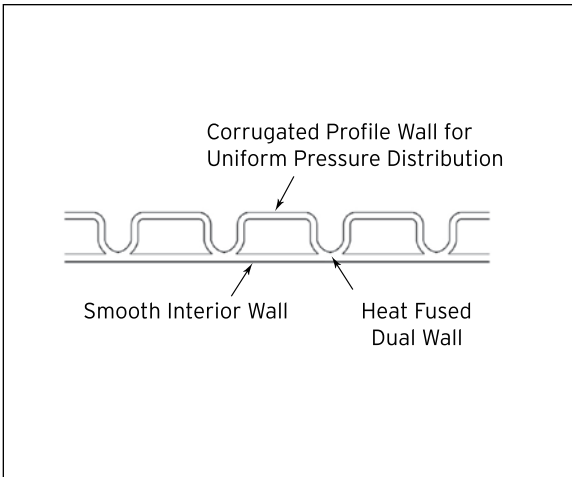
Royal Pipe Systems

Royal Kor Flo Pipe - 8" to 36" (200mm to 900mm) sizes

Royal Kor Flo PVC Profile Pipe is a dual wall corrugated pipe. It is lighter than solid wall SDR 35 gasketed sewer pipe but has the same strength and flow properties. Heat fused dual wall pipe with a corrugated exterior wall to provide greater stiffness and limit deflection. The interior wall is smooth, ensuring superior flow characteristics. Gaskets are installed on the spigot end of the pipe. It has many applications, including storm sewers, gravity industrial lines and highway & road drainage.

- Dual wall pipe provides an extremely smooth interior wall with Manning's coefficient "n" of 0.009, which provides excellent flow rates and resists build-up of solids
- Lightweight, thereby greatly reducing time, manpower and heavy equipment associated with storm and sanitary pipe installations
- Concentrically corrugated exterior wall acts as a reinforcing support, providing exceedingly high stiffness
- Resistant to abrasion, scouring, root penetration and acidic and alkaline soil conditions

Royal Kor Flo conforms to the following standards:



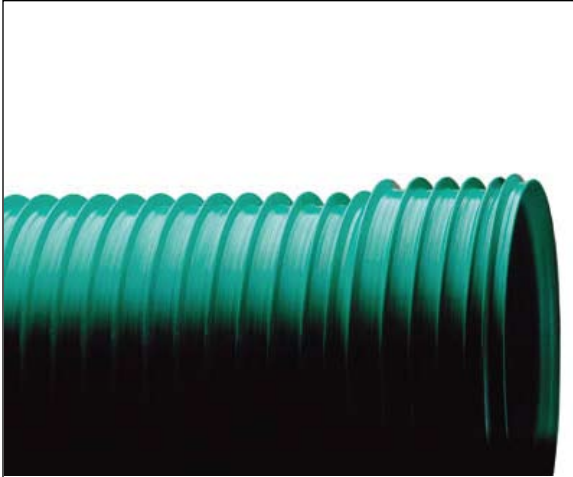
SPECIFICATIONS

DIMENSIONS IN MILLIMETRES

NOMINAL SIZE	AVG. OUTSIDE DIAMETER	AVG. INSIDE DIAMETER	AVG. BELL DEPTH
200	218	200	125
250	274	251	150
300	325	298	162
375	398	365	188
450	486	448	200
600	650	598	279
750	817	749	318
900	985	901	318

DIMENSIONS IN INCHES

NOMINAL SIZE	AVG. OUTSIDE DIAMETER	AVG. INSIDE DIAMETER	AVG. BELL DEPTH
8	8.600	7.890	5.00
10	10.786	9.864	6.25
12	12.795	11.737	6.50
15	15.658	14.373	7.50
18	19.152	17.649	8.00
24	25.580	23.525	11.00
30	32.150	29.475	12.50
36	38.765	35.438	12.50



PVC GRAVITY-FLOW PIPE

IPEX/Rehau

PVC Ribbed Pipe - 8" to 24" (200mm to 600mm) sizes

PVC Ribbed Pipe is a gravity-flow pipe with concentric reinforcing ribs that encircle the pipe on the circumference to provide superior stiffness. PVC Ribbed Pipe is an optimized profile PVC pipe design, offering strength with economy and excellent flow rates. It can be used to convey storm water in urban areas where tight joints are required. It is also used as piping for storm water management applications where water is temporarily stored underground and then released at a controlled rate. PVC Ribbed Pipe can also be used to convey domestic sanitary sewage.

- Offers excellent chemical and abrasion resistance for storm sewer applications
- Smooth interior wall provides excellent flow rates and resists build-up of solids
- Patented joint design means it can easily handle 345 kPa hydrostatic pressure, virtually eliminating infiltration/exfiltration, protecting the environment and reducing filtration plant costs

PVC Ribbed Pipe conforms to these standards:

- CSA B182.4, Profile PVC Sewer Pipe and Fittings
- ASTM F794 PVC Ribbed Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter
- Ontario Provincial Standards Specification 1841 and OPSD 806.04
- NQ 3624-135 Piping - PVC Plastic Rigid Pipe and Fittings
- AASHTO M304 Polyvinyl Chloride (PVC) Ribbed Drain Pipe and Fittings Based on Controlled Inside Diameter

SPECIFICATIONS

DIMENSIONS IN MILLIMETRES

PIPE SIZE	AVG. INSIDE DIAMETER	AVG. DIAMETER OVER RIBS	OUTSIDE DIAMETER AT BELL	WATERWAY WALL
200	200	224	248	2.20
250	251	280	311	2.30
300	298	333	371	2.60
375	365	408	453	2.80
450	448	497	553	3.30
525	527	579	638	4.06
600	597	650	717	4.58

DIMENSIONS IN INCHES

PIPE SIZE	AVG. INSIDE DIAMETER	AVG. DIAMETER OVER RIBS	OUTSIDE DIAMETER AT BELL	WATERWAY WALL
8	7.89	8.80	9.78	0.087
10	9.86	11.00	12.22	0.091
12	11.74	13.10	14.59	0.102
15	14.37	16.04	17.82	0.110
18	17.65	19.57	21.77	0.130
21	20.75	22.80	25.14	0.160
24	23.50	25.61	28.24	0.180