

# GASKETED SEWER PIPING SYSTEMS

Ring-Tite  
4" - 60" (100mm - 1500mm)

Enviro-Tite  
4" - 15" (100mm - 375mm)

## Ring-Tite® Enviro-Tite®

Ring-Tite and Enviro-Tite piping systems are DR35 and DR28 sewer pipes manufactured to demanding ASTM and CSA standards. The two products are identical except for Enviro-Tite having a minimum recycled material content of 50%. Both products have tight joints that can withstand well in excess of both the ASTM and CSA requirements.

### APPLICATIONS

- Gravity Flow Sanitary Sewers
- Storm Sewers
- Sewer Laterals
- Industrial Effluent Lines

### STANDARDS

#### RING-TITE



B182.2



3624-130/135

ASTM  
MEMBER

D3034 & F679

#### ENVIRO-TITE



B182.2



3624-130/135

ASTM  
MEMBER

F1760

### ADVANTAGES

#### 1 Corrosion-proof Performance

IPEX Ring-Tite and Enviro-Tite systems are immune to corrosion from aggressive soils and galvanic action. In addition, H<sub>2</sub>S and other aggressive chemicals common in sanitary sewage have no effect.

#### 2 Tight Joints & Lower Treatment Costs

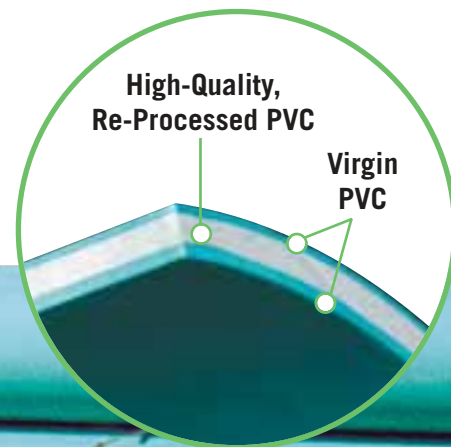
Eliminate infiltration and exfiltration. Ring-Tite and Enviro-Tite joints easily outperform concrete and corrugated PE joints.

#### Third-Party Certification

3 IPEX Ring-Tite & Enviro-Tite systems are certified to CSA B182.2. Third-party certification is your verification that the product will perform as stated.

#### High Flow Capacity

4 IPEX's PVC pipe and fittings are manufactured with smooth inner walls and provide systems with a Manning coefficient of 0.009, allowing for use of smaller diameters of pipe when compared to rough walled pipe.



Enviro-Tite®

## SHORT FORM SPECIFICATIONS

### GENERAL

Main line sewers will be PVC DR35 sewer pipe and shall be in compliance with ASTM D3034 or ASTM F1760 and third-party certified to CSA B182.2. Sewer laterals will be PVC DR28 sewer pipe and shall be third-party certified by CSA as above.

### JOINTS

Sealing gaskets must meet the requirements of ASTM D3034 or ASTM F1760 or CSA B182.2. In addition, the pipe joints must be able to withstand a minimum hydrostatic pressure of 50 psi (345 kPa) without leakage.

### PIPE STIFFNESS

The minimum ring stiffness shall be 46 psi (320 kPa) for DR35 pipe and 90 psi (625 kPa) for DR 28. This stiffness will be determined using the test methods prescribed by ASTM D3034 and ASTM F1760.

### FITTINGS

Injection-moulded gasketed PVC fittings shall meet the requirements of ASTM D3034 and ASTM F1336 and shall be certified to CSA B182.1 or CSA B182.2. Fabricated fittings must conform to ASTM F1336 and CSA B182.2.



## DIMENSIONS

	Nominal Size		Average I.D.		Min Wall Thickness		Average O.D.	
	in	mm	in	mm	in	mm	in	mm
<b>DR35</b>								
	4	100	3.97	100.94	0.12	3.06	4.21	107.06
	5	135	5.32	135.08	0.16	4.09	5.64	143.26
	6	150	5.92	150.29	0.18	4.55	6.28	159.39
	8	200	7.92	201.16	0.24	6.10	8.40	213.36
	10	250	9.90	251.46	0.30	7.62	10.50	266.70
	12	300	11.79	299.36	0.36	9.07	12.50	317.50
	15	375	14.43	366.42	0.44	11.10	15.30	388.62
	18	450	17.63	447.87	0.53	13.57	18.70	475.01
	21	525	20.79	527.99	0.63	16.00	22.05	559.99
	24	600	23.39	594.00	0.71	18.00	24.80	630.00
	27	675	26.36	669.42	0.80	20.29	27.95	710.00
	30	750	30.17	766.36	0.91	23.22	32.00	812.80
	36	900	36.11	917.22	1.09	27.79	38.30	972.80
	42	1050	41.95	1065.72	1.27	32.29	44.50	1130.30
	48	1200	47.89	1216.56	1.45	36.87	50.79	1290.30
	54	1350	54.27	1378.49	1.64	41.77	57.55	1462.00
	60	1500	58.08	1475.48	1.76	44.71	61.61	1564.90
<b>DR28</b>								
	4	100	3.91	99.42	0.15	3.82	4.21	107.06
	5	135	5.24	133.02	0.20	5.12	5.64	143.26
	6	150	5.83	148.01	0.22	5.69	6.28	159.39



Dimension		Product Code
inches	mm	

**InsertaTees** (for DR35 PVC Sewer Pipe)



8 x 4	200 x 100	072434
10 x 4	250 x 100	072440
10 x 6	250 x 150	072441
12 x 4	300 x 100	072436
12 x 6	300 x 150	072437
12 x 8	300 x 200	072442
15 x 4	375 x 100	072438
15 x 6	375 x 150	072443
15 x 8	375 x 200	072444
18 x 4	450 x 100	072439
18 x 6	450 x 150	072445
18 x 8	450 x 200	072446
18 x 10	450 x 250	072447
18 x 12	450 x 300	072448
21 x 4	525 x 100	072449
21 x 6	525 x 150	072450
21 x 8	525 x 200	072451
21 x 10	525 x 250	072452
21 x 12	525 x 300	072453
21 x 15	525 x 375	-
24 x 4	600 x 100	072583
24 x 6	600 x 150	072584
24 x 8	600 x 200	072585
24 x 10	600 x 250	072586
24 x 12	600 x 300	072587
27 x 4	675 x 100	072588
27 x 6	675 x 150	072589
27 x 8	675 x 200	072590
27 x 10	675 x 250	072591
27 x 12	675 x 300	072592
* 30 x 4	750 x 100	072593
* 30 x 6	750 x 150	072594
* 30 x 8	750 x 200	072595
* 30 x 10	750 x 250	072596
* 30 x 12	750 x 300	072597
** 36 x 4	900 x 100	072598
** 36 x 6	900 x 150	072599
** 36 x 8	900 x 200	072600
** 36 x 10	900 x 250	072601
** 36 x 12	900 x 300	072602

\* 30" DR35 32.000" O.D. Pipe w .915 WT Pipe  
 \*\* 36" DR35 38.300" O.D. Pipe w 1.100 WT Pipe



**IPEX OFFERS A 4" x 3" SDR 35 ADAPTER BUSHING**

IPEX offers a new adapter bushing to create a transition between a SDR35 Drain Line solvent weld system and a Ring-Tite® gasket system.

Deflection stress on buried piping systems is a common occurrence in construction and can inadvertently place unwanted stress on joints. The new adapter bushing is designed with a 4" long spigot to reduce any chance of the joint pulling apart as a result of deflection stress.

Dimension	Product Code
inches	

**SDR35 Adapter Bushing**

(for transition between Solvent Weld & Ring-Tite)

4 x 3 Extended Sp x H	243040
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