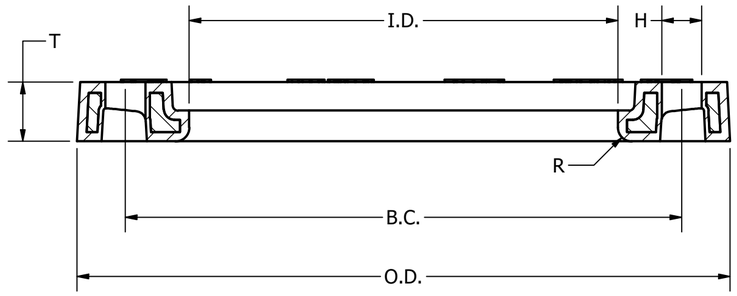
MATERIAL: GLASS REINFORCED POLYPROPYLENE
WITH IPP DELTAFLEX DUCTILE IRON INSERT

Pipe Diameter (mm)	SDR	O.D.	T	I.D.	Bolt Hole Count	Bolt Hole Size (H)	Bolt Hole Circle (BC)	Radius (R)
63	7	6.46	0.71	3.07	4	0.75	4.75	0.28
75	7	7.72	0.73	3.62	4	0.75	6.00	0.28
90	7	7.72	0.73	4.25	4	0.75	6.00	0.28
110	7	9.33	0.98	5.04	8	0.75	7.50	0.35
125	7	9.33	0.98	5.31	8	0.75	7.50	0.35
160	7	11.69	1.18	7.01	8	0.87	9.50	0.35
180	7	11.69	1.18	7.40	8	0.87	9.50	0.35
200	7	13.94	1.34	9.25	8	0.87	11.75	0.35
225	7	13.94	1.34	9.37	8	0.87	11.75	0.35
250	7	16.73	1.52	11.34	12	1.00	14.25	0.35
280	7	16.73	1.52	11.57	12	1.00	14.25	0.35
315	7	19.57	2.01	13.31	12	1.00	17.00	0.35
355	7	21.34	2.05	14.80	12	1.14	18.75	0.35
400	7	23.90	2.44	16.93	16	1.14	21.25	0.35
450	7	25.51	2.44	20.31	16	1.25	22.75	0.35
500	7	27.99	2.68	20.87	20	1.25	25.00	0.35
560	7	30.31	3.19	24.21	20	1.38	27.25	0.35
630	7	32.52	3.19	25.39	20	1.38	29.50	0.35
710	7	37.20	3.90	29.02	28	1.38	34.00	0.35
840	7	43.09	5.80	33.07	28	1.63	38.50	0.35
900	7	47.33	6.55	37.17	32	1.63	42.75	0.35





NOTE: OVERSIZED WASHERS OF SUFFICIENT DIAMETER SHOULD BE USED IN CONJUNCTION WITH POLYENCAPSULATED RINGS TO PREVENT DAMAGE TO THE POLYECAPSULATED COATING DURING INSTALLATION.

Ongoing engineering design efforts may affect the technical information listed in our publications.

UNLESS OTHERWISE NOTED:
AND ALL DIMENSIONS IN INCHES

IMPROVED PIPING PRODUCTS, INC.

TITLE
Polypropylene Encapsulated Ductile Iron Backup Rings ANSI BOLT PATTERN-FOR METRIC PIPE