




SUBMITTAL

Teel BQ Purple PP-RCT Pipe is manufactured from high quality, Polypropylene Random Co-polymer resins (PP-RCT). The Teel BQ Purple PP-RCT piping system is designed for use in reclaimed water systems. The pipe is color coded purple for this use and is available in 1/2" (20mm) through 10" (250mm) in SDR 11, for rainwater, gray water and reclaimed water applications.

	MANUFACTURING STANDARDS		
	ASTM F-2389, NSF/ANSI-14, CSA B137.11, ICC-ES		
Job		Representative	Date
Page #		Order #	
Engineer		Submitted By	
Contractor		Approved By	
SDR	9, 11	Comments	
Part #			
Pipe O.D.			
Qty / Length			

PART #	SDR	DIMENSION NOM ID / OD	DIAMETER (mm)	WALL THICKNESS (mm)	INTERNAL DIAMETER (mm)	WATER CAPACITY (gal / ft)	FLOW RATE (8 ft/second)	WEIGHT DRY (lb/ft)
BQ0202316C	9	1/2" - 20mm	20	2.3	15.4	0.015	7.2 gpm	0.090
BQ0252816C	9	3/4" - 25mm	25	2.8	19.4	0.024	11.4 gpm	0.130
BQ03202916C	11	1" - 32mm	32	2.9	26.2	0.043	20.8 gpm	0.180
BQ04003716C	11	1 1/4" - 40mm	40	3.7	32.6	0.067	32.3 gpm	0.290
BQ05004616C	11	1 1/2" - 50mm	50	4.6	40.8	0.105	50.5 gpm	0.450
BQ06305816C	11	2" - 63mm	63	5.8	51.4	0.167	80.2 gpm	0.720
BQ07506816C	11	2 1/2" - 75mm	75	6.8	61.4	0.237	114.4 gpm	1.000
BQ09008216C	11	3" - 90mm	90	8.2	73.6	0.343	164.4 gpm	1.440
BQ11010016C	11	3 1/2" - 110mm	110	10.0	90.0	0.512	245.9 gpm	2.130
BQ12511416C	11	4" - 125mm	125	11.4	102.2	0.661	316.9 gpm	2.770
BQ16014616C	11	6" - 160mm	160	14.6	130.8	1.082	519.1 gpm	4.520
BQ20018216C	11	8" - 200mm	200	18.2	163.6	1.693	812.0 gpm	7.040
BQ25022716C	11	10" - 250mm	250	22.7	204.6	2.648	1270.0 gpm	10.95
BQ31528616C	11	12" - 315mm	315	28.6	257.8	4.204	2016.4 gpm	17.26
BQ35532216C	11	14" - 355mm	355	32.2	290.6	5.342	2562.1 gpm	21.91
BQ40036316C	11	16" - 400mm	400	36.3	327.4	6.780	3252.1 gpm	27.82
BQ45040916C	11	18" - 450mm	450	40.9	368.2	8.576	4113.2 gpm	35.21

Photographs of product shown in this publication are used for representational purposes only. All data and specifications are subject to change without notification.

Temperature		Pressure Rating (PSI)*					
Celsius	Fahrenheit	SDR 17.6	SDR 11	SDR 9	SDR 7.4	SDR 6	SDR 5
2	35	172	285	356	445	570	713
4	40	166	275	344	430	550	687
10	50	154	255	319	399	511	638
17	60	143	237	296	370	473	592
23	73	129	214	267	334	427	534
27	80	122	202	252	315	404	504
32	90	112	186	232	290	371	464
38	100	103	170	213	266	341	426
43	110	94	156	195	244	312	390
49	120	86	142	178	223	285	356
54	130	78	130	162	203	260	324
60	140	71	118	147	184	236	295
66	150	64	107	134	167	214	268
71	160	58	97	121	152	194	242
77	170	53	88	110	137	176	219
82	180	48	79	99	124	159	199
88	190	43	72	90	112	144	180
93	200	39	65	82	102	131	164

*Calculations based on ASTM F2389 X1.1.2. See TeelBQ's Borealis PP-RCT technical paper for more information (http://www.isco-pipe.com/workspace/uploads/pp-rct_new_material_class.pdf).