

## SUBMITTAL SHEET

# Irrigation Fittings Blue Twister

The self-threading double helix design of Blue Twister irrigation fittings provides effortless insertion into PE pipe. No longer is there a need to hammer or walk them into the pipe. Just twist the fitting clockwise into the pipe and let the double helix pull the pipe onto the fitting.

Once the pipe has covered all of the barbs you are assured a connection that does not leak and will withstand the water pressure of your installation.

### Features:

- Designed for easy installation without tools.
- Patented self-threading Double Helix® design provides effortless insertion into polyethylene (PE) pipe.
- 100% corrosion resistant.
- Not compatible with compressed air or gases.
- Suitable for underground applications.
- No restriction on number of connections that can be made to achieve desired pipe length.
- Most secure connection requires a hose clamp.

### Specifications:

- 160 psi @ 73° F
- Made from polypropylene plastic.
- For use with polyethylene pipe (PE).
- For use with cold water applications only.

### Approvals:

- ASTM D-2609
- NSF 61 for potable water
- ANSI/NSF 14 & 7

### Installation:

Squarely cut PE pipe to desired length. Slide clamp over end of pipe. Twist fitting clockwise into the pipe until all barbs are covered by pipe. Slide clamp 1/8"-1/4" from the end of the pipe and over the fitting barbs closest to the end of the fitting. Fasten clamp. Check connections after installation.

Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	



# IRRIGATION



Couplings							
Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
ABTC12	1/2 in.	3.25	1.50	1.50	0.03	50	670750847998
ABTC125PK	1/2 in. - 5 Pack	3.25	1.50	1.50	0.03	10	670750848001
ABTC1220JR	1/2 in. - 20 Pack Jar	3.25	1.50	1.50	0.03	4	810053460702
ABTC3412	3/4 in. x 1/2 in.	3.31	1.75	1.75	0.03	25	670750848049
ABTC34	3/4 in.	3.25	1.50	1.50	0.03	75	670750848032
ABTC345PK	3/4 in. - 5 Pack	3.25	1.50	1.50	0.03	15	670750848056
ABTC3418JR	3/4 in. - 18 Pack Jar	3.25	1.50	1.50	0.03	4	810053460696
ABTC134	1 in x 3/4 in.	3.25	2.00	2.00	0.05	20	670750848018
ABTC1	1 in.	3.25	2.00	2.00	0.06	50	670750847837
ABTC15PK	1 in. - 5 Pack	3.25	2.00	2.00	0.06	10	670750848025
ABTC1114	1 1/4 in. x 1 in.	3.50	2.44	2.44	0.08	10	670750847950
ABTC114	1 1/4 in.	3.25	2.38	2.38	0.09	20	670750847981
ABTC112	1 1/2 in.	3.63	2.69	2.69	0.12	10	670750847974



Elbows							
Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
ABTE12	1/2 in.	2.25	0.50	2.25	0.03	25	670750848094
ABTE34	3/4 in.	2.69	0.82	2.69	0.05	25	670750848100
ABTE1	1 in.	2.50	1.00	2.50	0.07	25	670750848063
ABTE114	1 1/4 in.	3.25	1.31	3.25	0.13	10	670750848087
ABTE112	1 1/2 in.	3.31	1.56	3.31	0.16	10	670750848070
ABTFE12	1/2 in.	2.63	1.06	1.25	0.03	25	670750848186
ABTFE1234	3/4 in. x 1/2 in.	2.63	1.06	1.43	0.05	25	670750848193
ABTFE34	3/4 in.	2.88	1.38	1.50	0.07	25	670750848216
ABTFE112	1 in x 1/2 in.	1.63	1.06	2.63	0.06	10	670750848179
ABTFE134	1 in x 3/4 in.	1.69	1.31	2.88	0.08	20	670750848209
ABTFE1	1 in.	3.00	1.63	1.75	0.10	15	670750848162
ABTME12	1/2 in.	1.38	0.81	2.50	0.03	25	670750848544
ABTME34	3/4 in.	3.88	1.00	1.63	0.04	15	670750848551
ABTME1	1 in.	1.88	1.25	3.00	0.07	10	670750848537



Female Adapters							
Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
ABTFA12	1/2 in.	2.50	2.13	2.13	0.04	25	670750848148
ABTFA34	3/4 in.	2.50	2.44	2.44	0.05	25	670750848155
ABTFA1	1 in.	2.63	2.75	2.75	0.09	25	670750848117
ABTFA114	1 1/4 in.	2.88	3.19	3.19	0.12	10	670750848131
ABTFA112	1 1/2 in.	3.00	3.31	3.31	0.15	15	670750848124

# IRRIGATION



## Male Adapters

Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
ABTMA12	1/2 in.	2.63	1.88	1.88	0.03	50	670750848452
ABTMA125PK	1/2 in. - 5 Pack	2.63	1.88	1.88	0.03	10	670750848476
ABTMA1234	1/2 in. x 3/4 in.	2.14	1.90	1.90	0.03	25	670750848469
ABTMA3412	3/4 in. x 1/2 in.	2.50	1.88	1.88	0.03	25	670750848513
ABTMA34	3/4 in.	2.50	2.13	2.13	0.04	75	670750848490
ABTMA345PK	3/4 in. - 5 Pack	2.50	2.13	2.13	0.04	15	670750848520
ABTMA341	3/4 in. x 1 in.	2.75	2.38	2.38	0.05	15	670750848506
ABTMA134	1 in. x 3/4 in.	2.75	2.13	2.13	0.06	15	670750848483
ABTMA1	1 in.	2.63	2.38	2.38	0.07	50	670750848421
ABTMA15PK	1 in. - 5 Pack	2.63	2.38	2.38	0.07	10	670750855719
ABTMA114	1 1/4 in.	2.88	3.00	3.00	0.11	20	670750848445
ABTMA112	1 1/2 in.	3.13	3.13	3.13	0.13	15	670750848438



## Tees

Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
ABTT12	1/2 in.	3.13	0.50	2.56	0.03	25	670750848957
ABTT34	3/4 in.	4.50	0.81	2.63	0.07	25	670750849015
ABTT1	1 in.	4.63	1.00	2.81	0.11	15	670750848612
ABTT114	1 1/4 in.	5.06	1.18	3.18	0.17	10	670750848940
ABTT112	1 1/2 in.	5.50	1.56	3.38	0.23	5	670750848933
ABTFT12	1/2 in.	4.19	1.10	1.31	0.05	25	670750848261
ABTFT343412	3/4 in. x 3/4 in. x 1/2 in.	4.13	1.13	1.44	0.06	25	670750848414
ABTFT34	3/4 in.	3.44	1.31	1.50	0.07	25	670750848407
ABTFT1112	1 in. x 1 in. x 1/2 in.	4.19	1.12	1.69	0.08	15	670750848223
ABTFT1134	1 in. x 1 in. x 3/4 in.	4.44	1.31	1.75	0.10	10	670750848230



## Plugs

Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
ABTP12	1/2 in.	1.83	1.75	1.75	0.02	40	670750848599
ABTP34	3/4 in.	1.88	2.00	2.00	0.03	25	670750848605
ABTP1	1 in.	1.88	2.25	2.25	0.04	15	670750848568
ABTP114	1 1/4 in.	1.75	2.88	2.88	0.06	10	670750848582
ABTP112	1 1/2 in.	1.85	3.06	3.06	0.08	10	670750848575



# IRRIGATION



## Funny Pipe Reducing Couplings

Part Number	Description	H	W	D	Wt. (lbs)	Carton Qty	UPC
ABTC3438FP	3/4 in. x 1/2 in.	3.06	0.83	0.83	0.04	50	810053460825
ABTC138FP	1 in. x 3/8 in.	3.04	0.99	0.99	0.04	50	810053460788



## Funny Pipe Reducing Elbows

Part Number	Description	H	W	D	Wt. (lbs)	Carton Qty	UPC
ABTE3438FP	3/4 in. x 3/8 in.	2.30	2.64	0.81	0.03	50	810053460863
ABTE138FP	1 in. x 3/8 in.	2.36	2.74	1.05	0.04	50	810053460856



## Funny Pipe Reducing Tees

Part Number	Description	H	W	D	Wt. (lbs)	Carton Qty	UPC
ABTT343438	3/4 in. x 3/4 in. x 3/8 in.	4.28	2.17	0.85	0.07	25	810053460801
ABTT1138	1 in. x 1 in. x 3/8 in.	4.79	2.47	1.06	0.09	25	810053460771



## Combo Reducing Elbows

Part Number	Description	H	W	D	Wt. (lbs)	Carton Qty	UPC
ABTCE341234	3/4 in. x 1/2 in. - 3/4 in.	3.11	2.72	1.25	0.13	15	810053460740
ABTCE11234	1 in. x 1/2 in. - 3/4 in.	2.76	1.30	1.30	0.13	15	810053460818



## Combo Reducing Tees

Part Number	Description	H	W	D	Wt. (lbs)	Carton Qty	UPC
ABTCT341234	3/4 in. x 3/4 in. x 1/2 in. - 3/4 in.	4.26	1.26	1.26	0.15	15	810053460832
ABTCT11234	1 in. x 1 in. x 1/2 in. - 3/4 in.	4.78	2.72	1.27	0.16	15	810053460870



## Side Outlet Elbows

Part Number	Description	H	W	D	Wt. (lbs)	Carton Qty	UPC
ABTSE341234	3/4 in. x 3/4 in. x 1/2 in. - 3/4 in.	2.70	2.70	2.61	0.13	15	810053460795
ABTSE111234	1 in. x 1 in. x 1/2 in. - 3/4 in.	2.75	2.75	2.73	0.15	15	810053460849



## Telescoping Repair Couplings

Part Number	Description	H	W	D	Wt. (lbs)	Carton Qty	UPC
ABTSLC34	3/4 in.	5.56	1.31	1.31	0.11	20	810053460757
ABTSLC1	1 in.	5.51	1.53	1.53	0.14	20	810053460764