

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)	
ABTC12	1/2 in.	3.25	1.50	1.50	0.03	
ABTC3412	3/4 in. x 1/2 in.	3.31	1.75	1.75	0.03	
ABTC34	3/4 in.	3.25	1.50	1.50	0.03	
ABTC134	1 in x 3/4 in.	3.25	2.00	2.00	0.05	
ABTC1	1 in.	3.25	2.00	2.00	0.06	
ABTC1114	1 1/4 in. x 1 in.	3.50	2.44	2.44	0.08	
ABTC114	1 1/4 in.	3.25	2.38	2.38	0.09	
ABTC112	1 1/2 in.	3.63	2.69	2.69	0.12	



Elbows						
Part Number	Description	H	W	D	Wt (lbs)	
ABTE12	1/2 in.	2.25	0.50	2.25	0.03	
ABTE34	3/4 in.	2.69	0.82	2.69	0.05	
ABTE1	1 in.	2.50	1.00	2.50	0.07	
ABTE114	1 1/4 in.	3.25	1.31	3.25	0.13	
ABTE112	1 1/2 in.	3.31	1.56	3.31	0.16	
ABTFE12	1/2 in.	2.63	1.06	1.25	0.03	
ABTFE34	3/4 in.	2.88	1.38	1.50	0.07	
ABTFE1234	3/4 in. x 1/2 in.	2.63	1.06	1.43	0.05	
ABTFE1	1 in.	3.00	1.63	1.75	0.10	
ABTFE112	1 in x 1/2 in.	1.63	1.06	2.63	0.06	
ABTFE134	1 in x 3/4 in.	1.69	1.31	2.88	0.08	
ABTME12	1/2 in.	1.38	0.81	2.50	0.03	
ABTME34	3/4 in.	3.88	1.00	1.63	0.04	
ABTME1	1 in.	1.88	1.25	3.00	0.07	



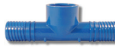
Female Adapters						
Part Number	Description	H	W	D	Wt (lbs)	
ABTFA12	1/2 in.	2.50	2.13	2.13	0.04	
ABTFA34	3/4 in.	2.50	2.44	2.44	0.05	
ABTFA1	1 in.	2.63	2.75	2.75	0.09	
ABTFA114	1 1/4 in.	2.88	3.19	3.19	0.12	
ABTFA112	1 1/2 in.	3.00	3.31	3.31	0.15	



Male Adapters						
Part Number	Description	H	W	D	Wt (lbs)	
ABTMA12	1/2 in.	2.63	1.88	1.88	0.03	
ABTMA1234	1/2 in. x 3/4 in.	2.14	1.90	1.90	0.03	
ABTMA3412	3/4 in. x 1/2 in.	2.50	1.88	1.88	0.03	
ABTMA34	3/4 in.	2.50	2.13	2.13	0.04	
ABTMA341	3/4 in. x 1 in.	2.75	2.38	2.38	0.05	
ABTMA1	1 in.	2.63	2.38	2.38	0.07	
ABTMA134	1 in. x 3/4 in.	2.75	2.13	2.13	0.06	
ABTMA114	1 1/4 in.	2.88	3.00	3.00	0.11	
ABTMA112	1 1/2 in.	3.13	3.13	3.13	0.13	



Tees						
Part Number	Description	H	W	D	Wt (lbs)	
ABTT12	1/2 in.	3.13	0.50	2.56	0.03	
ABTT34	3/4 in.	4.50	0.81	2.63	0.07	
ABTT1	1 in.	4.63	1.00	2.81	0.11	
ABTT114	1 1/4 in.	5.06	1.18	3.18	0.17	
ABTT112	1 1/2 in.	5.50	1.56	3.38	0.23	
ABTFT12	1/2 in.	4.19	1.10	1.31	0.05	
ABTFT34	3/4 in.	3.44	1.31	1.50	0.07	
ABTFT343412	3/4 in. x 3/4 in. x 1/2 in.	4.13	1.13	1.44	0.06	
ABTFT1112	1 in. x 1 in. x 1/2 in.	4.19	1.12	1.69	0.08	
ABTFT1134	1 in. x 1 in. x 3/4 in.	4.44	1.31	1.75	0.10	



Plugs						
Part Number	Description	H	W	D	Wt (lbs)	
ABTP12	1/2 in.	1.83	1.75	1.75	0.02	
ABTP34	3/4 in.	1.88	2.00	2.00	0.03	
ABTP1	1 in.	1.88	2.25	2.25	0.04	
ABTP114	1 1/4 in.	1.75	2.88	2.88	0.06	
ABTP112	1 1/2 in.	1.85	3.06	3.06	0.08	