

## For Residential and Commercial Polyethylene Pipe Applications

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Series TR15P1

## TRITON™ Coupling Fittings

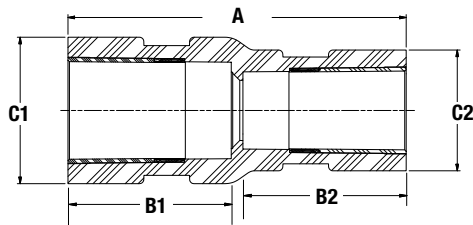
Sizes: 3/4" – 2" (20 – 50mm)

TRITON Series TR15P1 Couplings are used to connect two pieces of polyethylene pipe. The fittings are manufactured of PE 4710 and are compatible with most polyethylene piping materials. (Consult ES-TRPE-Comp for compatibility information.) The fittings are designed to be used with the TRITON TRCU1 Control Unit and TRFWP1 Fusers to complete the connection.

### Specifications

The system shall be plumbed using Watts TRITON Pipe Fusion fittings. Each fitting will incorporate the patent-pending TRITON Fuse-Tel™ fusion indicator that will provide a visual and tactile indication that the weld has been successfully completed. The TRITON Pipe Fusion system will operate on 110/115 VAC power and utilize a 13.56MHz ISM band frequency in conjunction with a dual suscepter embedded in the fitting to complete the fuse.

### Dimensions – Weights



# TRITON™

TR15P1

### NOTICE

- Fitting and pipe must be free of grease, oils, water, and debris. Wipe each fitting and pipe end before insertion of pipe into fitting.
- Pipe must be inserted to the correct depth "B" inside the fitting. Use the depth gauge on the side of the fitting to properly mark the required insertion depth on the pipe.

### Standards

Manufactured in accordance with American Society for Testing and Materials



D3035 Standard Specification for Polyethylene (PE) Plastic Pipe (D2-PR) Based on Controlled Outside Diameter

### Temperature

Maximum Operating Temperature: 140°F (60°C)

MODEL	INLET			OUTLET			DIMENSIONS						WEIGHT					
	SIZE (DN)		type	SIZE (DN)		type	A		B1		C1		B2		C2		lbs.	kgs.
	in.	mm		in.	mm		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
TR15P1-1212-IPS	3/4	20	IPS	3/4	20	IPS	4 <sup>9</sup> / <sub>16</sub>	116	2 <sup>1</sup> / <sub>4</sub>	57	1 <sup>1</sup> / <sub>16</sub>	42	2 <sup>1</sup> / <sub>4</sub>	57	1 <sup>1</sup> / <sub>16</sub>	42	0.13	0.059
TR15P1-1612-IPS	1	25	IPS	3/4	25	IPS	4 <sup>5</sup> / <sub>8</sub>	118	2 <sup>1</sup> / <sub>4</sub>	57	2	51	2 <sup>1</sup> / <sub>4</sub>	57	1 <sup>1</sup> / <sub>16</sub>	42	0.16	0.074
TR15P1-1616-IPS	1	25	IPS	1	25	IPS	4 <sup>9</sup> / <sub>16</sub>	116	2 <sup>1</sup> / <sub>4</sub>	57	2	51	2 <sup>1</sup> / <sub>4</sub>	57	2	51	0.18	0.084
TR15P1-2016-IPS	1 <sup>1</sup> / <sub>4</sub>	32	IPS	1	32	IPS	4 <sup>5</sup> / <sub>8</sub>	118	2 <sup>1</sup> / <sub>4</sub>	57	2 <sup>3</sup> / <sub>8</sub>	60	2 <sup>1</sup> / <sub>4</sub>	57	2	51	0.22	0.098
TR15P1-2020-IPS	1 <sup>1</sup> / <sub>4</sub>	32	IPS	1 <sup>1</sup> / <sub>4</sub>	32	IPS	4 <sup>9</sup> / <sub>16</sub>	116	2 <sup>1</sup> / <sub>4</sub>	57	2 <sup>3</sup> / <sub>8</sub>	60	2 <sup>1</sup> / <sub>4</sub>	57	2 <sup>3</sup> / <sub>8</sub>	60	0.23	0.106
TR15P1-2420-IPS	1 <sup>1</sup> / <sub>2</sub>	40	IPS	1 <sup>1</sup> / <sub>4</sub>	40	IPS	5 <sup>1</sup> / <sub>8</sub>	132	2 <sup>13</sup> / <sub>16</sub>	71	2 <sup>1</sup> / <sub>16</sub>	69	2 <sup>1</sup> / <sub>4</sub>	57	2 <sup>3</sup> / <sub>8</sub>	60	0.31	0.140
TR15P1-2424-IPS	1 <sup>1</sup> / <sub>2</sub>	40	IPS	1 <sup>1</sup> / <sub>2</sub>	40	IPS	5 <sup>1</sup> / <sub>16</sub>	144	2 <sup>13</sup> / <sub>16</sub>	71	2 <sup>1</sup> / <sub>16</sub>	69	2 <sup>13</sup> / <sub>16</sub>	71	2 <sup>1</sup> / <sub>16</sub>	69	0.37	0.167
TR15P1-3224-IPS	2	50	IPS	1 <sup>1</sup> / <sub>2</sub>	40	IPS	5 <sup>3</sup> / <sub>4</sub>	146	2 <sup>13</sup> / <sub>16</sub>	71	3 <sup>5</sup> / <sub>16</sub>	85	2 <sup>13</sup> / <sub>16</sub>	71	2 <sup>1</sup> / <sub>16</sub>	69	0.47	0.213
TR15P1-3232-IPS	2	50	IPS	2	50	IPS	5 <sup>1</sup> / <sub>16</sub>	144	2 <sup>13</sup> / <sub>16</sub>	71	3 <sup>5</sup> / <sub>16</sub>	85	2 <sup>13</sup> / <sub>16</sub>	71	3 <sup>5</sup> / <sub>16</sub>	85	0.55	0.247

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