# TRUMBULL INDUSTRIES, INC.

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# POLYETHYLENE ENCASEMENT TUBING

**Made in U.S.A.**

**8 Mil Linear Low Density "Polywrap" for Ductile Iron Pipe**

Polyethylene Encasement Tubing protects metallic pipe in corrosive soils. The tubing is slipped over the pipe, extended and taped. An overlap of approximately two feet should be figured in calculating the total polywrap required. For example, about 20 feet of polywrap is required for each 18 foot length, or 22 feet for each 20 foot length.

per ANSI/AWWA C105/A21.5-99

## BLACK POLYWRAP

| Pipe Size | Layflat Width | Weight #/ft. | Continuous Trumbull Item No. | Continuous Roll Length | Perforated @ 20' Trumbull Item No. | Perforated @ 20' Roll Length | Perforated @ 22' Trumbull Item No. | Perforated @ 22' Roll Length | Rolls of Tape required per 1,000' |
|---|---|---|---|---|---|---|---|---|---|
| 3"-6" | 16" | 0.106 | use 20" | - | 388-9942 | 300 | use 20" | - | 2 |
| 3"-8" | 20" | 0.132 | 388-9989 | 300 | 388-9943 | 300 | 388-9961 | 308 | 2 |
| 10" | 24" | 0.159 | use 27" | - | 388-9945 | 300 | 388-9951 | 308 | 2 |
| 10"-12" | 27" | 0.179 | 388-9993 | 300 | 388-9952 | 300 | 388-9962 | 308 | 2 |
| 14"-16" | 34" | 0.225 | 388-9996 | 300 | 388-9955 | 300 | 388-9966 | 308 | 2 |
| 18"-20" | 41" | 0.271 | 388-9998 | 300 | 388-9957 | 300 | 388-9969 | 308 | 3 |
| 24" | 54" | 0.358 | 388-9999 | 150 | 388-9958 | 160 | 388-9970 | 154 | 4 |
| 30" | 67" | 0.444 | 388-9985 | 150 | * | * | * | * | 5 |
| 36"-42" | 81" | 0.536 | 388-9986 | 150 | * | * | * | * | 6 |
| 48" | 95" | 0.629 | 388-9980 | 150 | * | * | * | * | 12 |
| 54"-60" | 108" | 0.715 | 388-9982 | 150 | * | * | * | * | 18 |
| 64" | 121" | 0.801 | 388-9984 | 150 | * | * | * | * | 20 |

## COLORED POLYWRAP

Colored Polywrap stocked "Continuous" only as shown below:

| Pipe Size | Layflat Width | Weight #/ft. | BLUE Trumbull Item No. | GREEN Trumbull Item No. | LAVENDER Trumbull Item No. | Roll Length | Rolls of Tape required per 1000' of pipe |
|---|---|---|---|---|---|---|---|
| 3"-8" | 20" | 0.132 | 388-8705 | 388-8755 | 388-8805 | 300 | 2 |
| 10"-12" | 27" | 0.179 | 388-8710 | 388-8760 | 388-8810 | 300 | 2 |
| 14"-16" | 34" | 0.225 | 388-8715 | 388-8765 | 388-8815 | 300 | 2 |
| 18"-20" | 41" | 0.271 | 388-8717 | * | 388-8817 | 150 | 4 |
| 24" | 54" | 0.358 | 388-8720 | 388-8770 | 388-8820 | 150 | 3 |
| 30" | 67" | 0.444 | * | * | 388-8825 | 150 | 5 |

## MISCELLANEOUS

| Item No. | Pipe Size | Layflat | Mils | Color | Roll Length | Perf. @ | Comments |
|---|---|---|---|---|---|---|---|
| 388-8605 | 8" | 20" | 12 | Clear | 200' | 20' | Marked "WATER PIPE" |
| 388-8610 | 12" | 30" | 12 | Clear | 200' | 20' | Marked "WATER PIPE" |
| 364-9941 | 4"CISP | 12" | 8 | Black | 408' | 12' | For 4" CI Soil Pipe |

The charts above show the popular sizes normally stocked.
* Indicates other sizes, types and colors that are available as "special order"; 4000# minimum per color, or size.

## TAPE

364-9975 2" x 100' Black Polyethylene Tape, 10 mils thick

For installation instructions, see ANSI/AWWA C-105/A21.5-99, dated January 1, 2000.

CANNONDESIGN

# SUBMITTAL IDENTIFICATION SHEET

**To be completed by Contractor/CM**

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

Joe Voypick
SUBMITTED BY

221116-002
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

221116
SPECIFICATION SECTION / PARAGRAPH

Castle Contracting LLC
MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◯ Shop Drawings
- ◯ Samples ( _____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◯ Record Documents
- ◉ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ O&M Manuals
- ◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

◉ Action ◯ Information Only ◯ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

Joe Voypick
REVIEWED BY

8/4/16
DATE

**To be completed by Reviewer**

22 1116-002
CANNON DESIGN SUBMITTAL NUMBER

8/5/16
RECEIVED DATE

- ◯ A. No Exceptions Taken
  No further review of submittal is required.
- ◯ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ◯ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ◯ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ◯ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ◯ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS ◯ See attached sheet(s) for additional comments

REVIEWED BY

8/5/2016
DATE

77 Westport Plaza
Suite 250
St. Louis, MO 63146

# TRANSMITTAL

**No. 15051-0173**

*Paric Corporation*

**PROJECT:** 15051-Webster University Interdisciplinary Science Building

**DATE:** 08/04/2016

**TO:** Cannon Design
1100 Clark Ave
St Louis MO 63102

**RE:** Split Water Service Product Data

**ATTN:** Kelvin Patel

**JOB: 15051**

| WE ARE SENDING: | SUBMITTED FOR: | ACTION TAKEN: |
|---|---|---|
| ☐ Shop Drawings | ☑ Approval | ☐ Approved as Submitted |
| ☐ Letter | ☐ Your Use | ☐ Approved as Noted |
| ☐ Prints | ☐ As Requested | ☐ Returned After Loan |
| ☐ Change Order | ☐ Review and Comment | ☐ Resubmit |
| ☐ Plans | | ☐ Submit |
| ☐ Samples | **SENT VIA:** | ☐ Returned |
| ☐ Specifications | ☐ Attached | ☐ Returned for Corrections |
| ☑ Other: Product Data | ☐ Separate Cover Via: | ☐ Due Date: |

| *Item* | *Package* | *Code* | *Rev.* | *Copies* | *Date* | *Description* | *Status* |
|---|---|---|---|---|---|---|---|
| Submittal | | 221116-002 | 1 | | 08/04/2016 | Split Water Service Product Data | Submitted |

**NOTES:**

**CC:**

**Signed:** _____

Devin Gates

CASTLECONTRACTING

# SUBMITTAL TRANSMITTAL

345 Marshall Avenue Suite 302, Webster Groves, MO 63119
314-421-0042 phone, 314-231-9157 fax

**To:** Paric Corporation
77 Westport Plaza, Suite 250
St. Louis, MO 63146

**From:** Ethan Gwinn
**Date:** 8/4/2016

**Attn:** Jason Szachnieski

**Project Name:**
**CASTLE Project Number:**
**Architect/Engineer's Project Number:**

**Subm. #:** 5 **Sub/Vendor:** Midwest Municipal Supply

**PLEASE FIND ENCLOSED:**

| Copies | Date | No. | Description |
|---|---|---|---|
| 1 | 8/4/2016 | 1 | Domestic & Fire Water Service |
| | | | |
| | | | |
| | | | |
| | | | |

**ACTION:**

| | | | |
|---|---|---|---|
| X | For Approval | | Approved As Submitted |
| | For your Use | | Approved As Noted |
| | As requested | | Revise & Resubmit |

**COMMENTS:**

*CC:* File