



## POLYWRAP

### (Polyethylene Encasement Tubing)

For over 40 years, **Polyethylene Encasement Tubing** has proven to be an effective method of protecting ductile iron pipe from corrosion. Tests have shown that when loose polyethylene encasement is installed on pipe, it provides an economical means of corrosion protection.



### TECHNICAL SPECIFICATIONS

- Christy's Polywrap is for use on metal piping systems for identification and corrosion protection for PVC pipe for identification purposes such as Reclaimed/ Recycled water.
- Meets ANSI/AWWA C105/A21.5-10 and ASTM D4976 and NT4112-10
- Diameters available to cover 6" through 42" pipe
- WARNING message repeats every 18-24 inches. Varies with size.
- Printed with current AWWA C105 and ANSI A21.5 specifications
- Manufactured from virgin polyethylene material 8 mil minimum, group 2, linear low density.

### PHYSICAL PROPERTIES

- Minimum Tensile Strength: 3600 PSI (24.8 MPa-ASTM D882)
- Minimum Elongation: 800% (ASTM 882)
- Minimum Dielectric Strength: 800 V/mil (ASTM D149)
- Minimum Impact Resistance: 600g (ASTM D1709 Method B)
- Propagation Tear Resistance: 2550 gf (ASTM D 1922)
- Thickness: Minimum of 0.008 in. (8 mils)
- Colors Available: Black, Clear, Purple, Green, Blue.



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- **Polyethylene Film** prevents contact between pipe and the surrounding soil. (Not meant to be an air or water tight encasement).
- **Multi-Colored** polywrap. Comes in Black, Clear, Purple, Blue or Green.
- **Available Perforated** every 20' or 22' for both 18' and 20' pipe joints or non-perforated for field versatility.
- **Applicable performance specification:** Meets ANSI/AWWA C105/A21.5-10 and ASTM D4976 and NT4112-10

Pipe Diameter	Polywrap Size
Through 6"	16" Polywrap
Through 8"	20" Polywrap
Through 10"	24" Polywrap
Through 12"	27" Polywrap
Through 14"	30" Polywrap
Through 16"	34" Polywrap
Through 18"	37" Polywrap
Through 20"-24"	54" Polywrap
Through 30"	67" Polywrap
Through 36"	84" Polywrap
Through 42"	84" Polywrap

\*Larger sizes available upon request