

Christy's™

— PRODUCT INFORMATION & SPECIFICATIONS —



Note: Custom sizes & Print Available:
Subject to minimum quantity extrusion
runs of 5,000 lbs. Please see our catalog
for additional product information.

PRODUCT SPECIFICATIONS

Manufactured of virgin polyethylene material
8 mil minimum

Conforms to the material requirements of the latest
revision of ANSI/AWWA C105/A21.5-05 and the following
requirements of the latest revision of ASTM D4976 and
NT4112-05

Film is imprinted with:

- Trademark
- Year of manufacture
- Type of resin
- Specification conformance
- Applicable pipe sizes
- Text "Warning Corrosion Protection - Repair any
Damage"

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POLYWRAP

Tubular Polyethylene Protection For Cast Iron, Ductile Iron And Steel Pipe AWWA C105-05, ANSI A21.5-05

DESCRIPTION

- Polyethylene film prevents contact between pipe and the surrounding soil for corrosion protection
- Perforated every 20' or 22' and specially printed
- The encasement is offered ½" diameter through 36"
- Warning message repeats every 18 - 24 inches depending on size
- Sleeving can be used on either PVC pipe for identification purposes such as Reclaimed/Recycled water or on metal piping systems for identification and corrosion protection

PROPERTIES

Material

| | |
|---------------------|--|
| Group | 2 (Linear) |
| Density | 0.910 to 0.935 g/cm ³ |
| Class | B (Colors)(1) |
| Dielectric Strength | Volume resistivity 10 ¹⁵ ohm-cm., min. |

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 | 600 g (ASTM D1709 Method B) |
| Minimum Propagation Tear Resistance | 2550 gf (ASTM D1922) |

Thickness

Minimum of 0.008 in. (8 mils)

Color

Black, clear, purple, blue, green

Polyethylene film is supplied with its natural color including white and black, or black (weather-resistant) containing not less than 2 percent carbon black with an average particle diameter of 50 nm or less. A minimum of 2 percent of a hindered-amine ultraviolet inhibitor in any natural or colored film except black film containing 2 percent or more carbon black. Black Polyethylene film is naturally UV protected.

INSTALLATION

Install polywrap according to the latest AWWA or DIPRA guidelines.