

**SAN ANTONIO WATER SYSTEM
SAN ANTONIO, TEXAS
SPECIFICATIONS FOR PRESSURE SENSITIVE POLYVINYL
TAPE
REVISED November 2005**

1. **SCOPE**

This specification covers pressure sensitive polyvinyl tape, suitable for corrosion prevention of exterior surfaces of metal pipe.

2. **GENERAL REQUIREMENTS**

a. Except as otherwise stated, all tape furnished for use by the San Antonio Water System shall consist of an elastomeric film backing of either polyethylene or plasticize polyvinyl chloride, coated on one side with a homogenous pressure-sensitive adhesive. The tape shall conform to Federal Specifications L-T-1512A, and applicable sections of AWWA C209.

b. Typical Properties: (ASTM D1000 Test Method unless noted)

1. Total Thickness,	mils 10 (+1)
2. Width, deviation, inches,	max. .01
3. Tensile Strength, lb/inch width,	min. 20
4. Elongation, percent,	min. 150
5. Adhesion to steel, oz/inch width,	min. 20
6. Water-vapor transmission rate, gm/100 square inches/24 hrs, max.	1.3 ASTM-D3833)
7. Dielectric Strength,	volts 7,000
8. Puncture Resistance, lbs,	min. 10

c. Unless otherwise stated, all tape shall be furnished with black film and black adhesive.

d. The rolls shall be furnished in the widths and lengths specified.

**Pressure Sensitive Polyvinyl Tape
Specifications Number 100-40**

- e. All tape shall be individually packaged to prevent adherence to the packaging material or the container. The containers **shall be plainly marked with the name of the manufacturer, type of material, batch or lot number, and information as required by federal and state laws.**
- f. Materials supplied shall meet the provisions of the standard. Materials that fail to conform to this standard herein will be grounds for rejection the entire order.

3. QUALITY ASSURANCE PROVISIONS

- a. Unless otherwise specified, the supplier is responsible for the performance of all inspection requirements as specified herein.
- b. The San Antonio Water System reserves the right to retain an independent laboratory to perform any of the inspections set forth in these specifications where such inspections are deemed necessary to assure that supplies and services conform to the prescribed requirements.

Approved Manufacturers and Models:

<u>Manufacturer</u>	<u>Item No.</u>
Scotchrap All-Weather Tape	50
Trantex Pipeline Tape	VID-10
Winmore Pipe Wrap Tape	413

Previous Revised
July 1993