

## Standard Temperature Petrolatum Tape (ST)

### COMPOSITION

Non-Woven Stitch bonded synthetic fabric, fully impregnated and coated with neutral petrolatum based compounds and inert fillers. Petrolatum based **ST Tape** is chemically inert and does not polymerize or oxidize and therefore retains its water resistance and dielectric properties over an indefinite period. It is free of chemical impurities.

### PHYSICAL PROPERTIES

Tensile Strength	Lbs./inch	45
Thickness	Mils	51 (min)
Roll Length	Feet	33
Mass	g/m	1350 Water Vapour
Permeability	g/m • /24 hrs	0.12 [ASTM E96]
Holiday Test	KV	10
Operating Temperature	°F	-50 to +149
VOC Content		None

### SPECIAL POINTS

**Priming:** All surfaces should be evenly coated with **PP Petrolatum Primer Paste** prior to application of **ST Petrolatum Tape**.

**Overwrapping:** Pipes wrapped with **ST Petrolatum Tape** may be over-wrapped with **PO PVC 250 Overwrap Tape** for extra mechanical protection and increase electrical resistance.

**Finishing:** While applying the **ST Petrolatum Tape**, smooth the surface of the tape by hand to eliminate air bubbles. Insure intimate contact with the substrate and seal laps.

**Overlapping:** A 55% overlap is generally recommended, however, a minimum overlap of 1” may be used on pipe diameters up to 6” and a 2” overlap on larger diameters.

### PIPEWRAPPING

Pipe Diameter (Inches)	Tape Width (Inches)
1-3	2"
3-4	2 - 3"
4-8	4"
10-12	6"