

# Politube Transformer Products

## Insulation Products for Transformers

### Kraft Paper Tubing (KPT)

#### **DESCRIPTION:**

Multi layers of electrical grade kraft paper for insulating leads in oil filled transformers.

#### **SIZE RANGE:**

I.D. 3/16" to 5"  
Standard Wall Build .020"--.030"--.040"

#### **SPECIFICATIONS OF KPT TUBING:**

	<u>Construction:</u>	<u>KV Breakdown in Oil:</u>
.020" wall	6 layers	12.6 KV
.030" wall	9 layers	18.9 KV
.040" wall	12 layers	25.2 KV

#### **PROPERTIES OF PAPER:**

- ◆ Saturable electrical grade kraft
- ◆ Low ash content

#### **STANDARD APPLICATIONS:**

- ◆ Insulating primary leads from winding  
Advantages: 1. Tube will collapse with winding pressure  
2. Will have a smaller build in coil  
3. Easier to put on coil lead  
4. Lower applied cost
- ◆ Insulating secondary buss  
Advantages: 1. Mult-layer has superior mechanical and dielectric strength compared to a single layer kraft tube  
2. Easier to install on conductor  
3. Lower applied cost

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