

# Paper Wrapping Wire

## Aluminium, Wrapping Paper, Class 105



### Characteristics

**Product name:**

KPP-105

**Specifications:**

Internal sinoalum or customer specification

**Class: 105**

Temperature index: 105°C

**Conductor material:**

EN 1715 - EN AW1370 [Al99.7]

**Insulation:**

Kraft paper / Mikitoku paper

**Shelf life:**

5 years, under normal ambient conditions

**Properties:**

- High heat resistance
- Allows lightweight designs
- Very good resistance to transformer oil

**Field of application:**

- Oil-filled transformers

**Standard packaging:**

Wooden spool or according to customers requirements

### Technical Properties

Product Name	Type
Paper covered round aluminum wirestrip	ZL
Paper covered flat aluminum wirestrip	ZLB
500KV transformer interturn insulation paper covered round aluminum wirestrip	ZAL
500KV transformer interturn insulation paper covered flat aluminum wirestrip	ZALB

### Standard

Product name	Standard						Test tool	
<b>Conductor size and R cornerradius</b>	Follow standard of GB/T7673.1-87						Micrometer and R type	
<b>Bend</b>	The specimen is not cracked, nocrack, no obvious sticking out of the paper according to the standardcurve.						Experimental roundrod and flat wire bending apparatus	
<b>Paper covered round wire insulation thickness (Unit: mm)</b>								
<b>Standard insulation thickness</b>	0.3	0.45	0.80	1.20	1.80	4.25		
<b>Tolerance</b>	±0.05	±0.05	±0.10	±0.02	±0.25	±0.20		
<b>Paper covered flat wire insulation thickness (Unit: mm)</b>								
<b>Standard insulation thickness</b>	0.45	0.60	0.95	1.35	1.65	1.95	2.45	2.95
<b>Maximum insulation thickness(A-a)</b>	0.57	0.74	1.14	1.56	1.80	2.23	2.77	3.32
<b>Minimum insulation thickness(B-b)</b>	0.40	0.53	0.85	1.20	1.45	1.80	2.30	2.75