

PAPER TAPE WIRE



Insulation Description: Thermally Upgraded Paper

Thermal Class: 105°C

Conductors: Copper and Aluminum

Shapes: Round, Rectangular, Square, Trapezoid

NEMA Specifications: MW: 31-C, 31-A, 33-C & 33-A

Alconex Specifications: Alconex Aluminum and Copper Specification

TYPICAL APPLICATIONS

Oil-filled transformers, utility power transformers, utility distribution transformers, and power generation.

FEATURES AND BENEFITS

- Typical tape thicknesses used for wrapping conductor are 2, 2.5, and 3 mil. Other thicknesses available upon request
- Various types of thermally upgraded paper are available
- Most common construction utilizes two tapes with 50% overlap. An increase in overlap, an increase in number of tapes, or an increase in tape thickness can help achieve larger builds
- Most of our suppliers rate their papers at 105°C with a maximum hot spot of 120°C

AVAILABLE PAPER TAPES

Cottrell®, Cindus®, Weidmann®, Munksjö®, Manning®, and Tullis Russell® all available. Call 1-800-443-6481 to inquire about other paper tapes not listed.

EDGE CONDITIONS

Radius corner, fully rounded edge, round, and trapezoidal.



INSULATION CLASS	105°C
MAX HOT SPOT	120°C
THICKNESS	2, 2.5, 3 mil standard
BUILDS	0.008 and up

Product safety information is available upon request. This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentation. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience become available. Since we cannot anticipate all variations in actual end-use conditions, Alconex makes no warranties and assumes no liability whatsoever in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe upon any trademark or patent right.

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