



Flexible Insulation

DDP (Diamond Dot Paper)

GENERAL

Diamond Pattern papers are manufactured from 100 percent thermally upgraded Kraft papers. The coated paper is compatible with transformer oil when thermally aged and tested per ASTM D3455. This procedure includes tests for dissipation factor, neutralisation number, interfacial tension and dielectric strength.

APPLICATIONS

Transformers
Element Supports
Platen Insulation
Induction Furnaces
Element Supports

SPECIFICATIONS

TMC AVERY DENNISON – STANDARD RESIN

GRAPH A – TIME REQUIRED TO ACHIEVE BOND AT VARIOUS TEMPERATURES

PROPERTIES

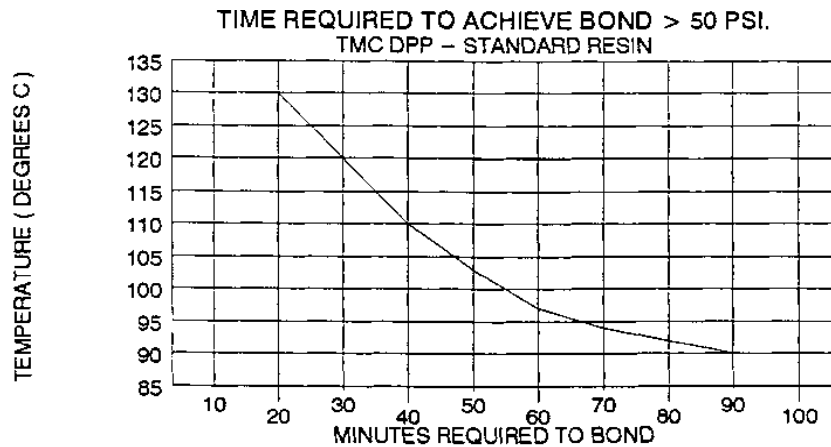
The coated paper will bond firmly and evenly to a conductor or other insulation provided that there is adequate time, temperature and contact to allow bonding to occur.

Bond test;

Where the paper is stored in normal warehouse conditions, out of direct sunlight and away from direct moisture, we recommend that it be used within 12 months.

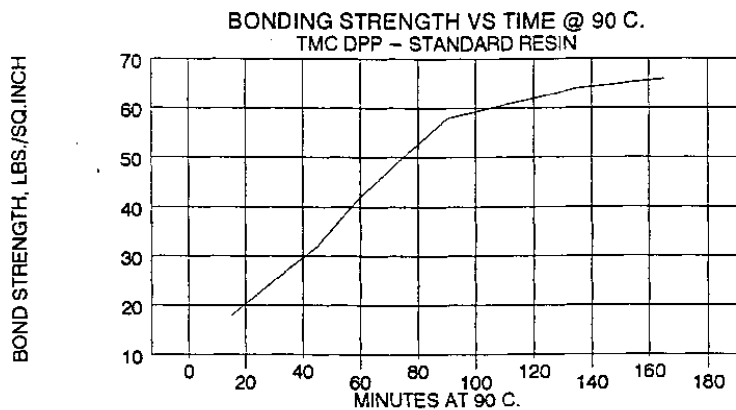
SUPPLY DIMENSIONS

The DDP (Diamond Dot Paper) is supplied in rolls up to 1320mm wide.



NOTE: SAMPLES PRESSED AT 2 PSI, PULLED AT 100 C.

GRAPH B – BOND STRENGTH AS A FUNCTION OF TIME @90°C



NOTE: SAMPLES CURED AT 90 C., PRESSED AT 2 PSI, PULLED AT 100 C.