



# UL-RECOGNIZED 600 VOLT CLASS ELECTRICAL 130 °C INSULATION SYSTEMS BASED ON NOMEX®

## System 18-1 System for 130 °C Operation

### Magnet Wire (Copper or Aluminum)

MW5, MW24, MW30, MW35, MW36, MW73, MW74, MW60, MW61 or Bare Conductor insulated with any NOMEX® Paper type listed below as ground and phase insulation, with a minimum thickness of 2 mils.

### Ground and Phase Insulation

NOMEX® Brand Papers and Pressboards, as follows:

- Type 410, 5 mils
- Type 411, 10 mils
- Type 414, 5 mils
- Type 418, 5 mils
- Type 419, 7 mils
- Type E56, 7 mils
- Type 992, 63 mils (thinnest available)
- Type 993, 40 mils (thinnest available)
- Type 994, 40 mils (thinnest available)
- Laminates containing 5 mils of Type 416 and/or Type 464

### Additional Materials which can be included, as required by design:

#### Minor Sheet Insulation

Any Ground Insulation Material listed above or any listed below, with no minimum thickness.

- DuPont: NOMEX® Type 410, 411, 414, 418, 419, 992, 993, 994, E56

#### Varnish

- P. D. George Company: Pedigree 40

#### Tapes

- 3M Company: 27



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These insulation systems conform to DuPont's UL File E-57692 as of the date of preparation of this brochure, and are subject to change with material availability. **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 experimentations. 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 becomes available. Since we cannot anticipate all variations in actual end-use conditions, **DUPONT MAKES NO WARRANTIES AND ASSUMES NO LIABILITY 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 any patent right.

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