

## VIDAFLEX 944

### Composition / Properties:

- VIDAFLEX 944: Braided "E"-glass sleeving impregnated coated with acrylic resin.
- VIDAFLEX 944 insulating sleeveings are compliant to the requirements of the directive 2002/95/EC (RoHS).
- The acrylic resin coating gives the sleeveings an excellent flexibility allied to high abrasion resistance and mechanical strength.
- Max. short term temperature: 200°C.

### Application:

- Protection and insulation of leads and wiring harness in household appliances, lamps and vehicles.
- Insulation of the internal wiring of all types electrical machines.

#### Thermal Class 155 (Class F) according to IEC 60085

| Bore size [mm]                      | Nom. wall thickness [mm]  | Weight approx. [g/m] | Breakdown voltage at 20°C [kV] |
|-------------------------------------|---|----------------------|--------------------------------|
| 4,0 ± 0,25                          | 0,70  | 12                   | ≥ 7,0                          |
| 6,0 ± 0,25                          | 0,70  | 21                   | ≥ 7,0                          |
| 8,0 ± 0,50                          | 0,70  | 29                   | ≥ 7,0                          |
| 10,0 ± 0,50                         | 0,90  | 42                   | ≥ 7,0                          |
| 12,0 ± 0,50                         | 0,90  | 55                   | ≥ 7,0                          |
| 14,0 ± 0,50                         | 1,00  | 56                   | ≥ 7,0                          |
| 16,0 ± 0,50                         | 1,00  | 80                   | ≥ 7,0                          |
| 18,0 ± 0,50                         | 1,15  | 96                   | ≥ 7,0                          |
| 20,0 ± 0,50                         | 1,15  | 112                  | ≥ 7,0                          |
| 22,0 ± 0,50                         | 1,15  | 120                  | ≥ 7,0                          |
| 25,0 ± 0,50                         | 1,15  | 125                  | ≥ 7,0                          |
| Measurement according to EN 60684-2 |   |                      |                                |
| <b>Availability</b>                 |   |                      |                                |
| Standard length                     | Standard cut to 1 m length in bundles (other length on request) |                      |                                |
| Cut length tolerance:               | 5 – 50 mm: ±1 mm  |                      |                                |
|                                     | 51-100 mm: ±2 mm<br>> 100 mm: ± 5 mm                            |                      |                                |
| Colour:                             | Black   |                      |                                |

All values stated are to be seen as typical values. We reserve the right to introduce changes within the framework of further technical development. We do not accept any obligations or liabilities in respect of this information. Status: 08/2009  
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