

TECHNICAL INFORMATIONS

TRIPLEX F 20.08

PRODUCT DESCRIPTION

TRIPLEX F-20.08 flexible insulation laminate consists of polyester film (PETP) covered on both sides with polyester fibers (DMD) using a thermally stable adhesive, varnished with a resin of high thermal resistance. It is available in orange. Standard IEC 60626-2.

APPLICATION

This laminate can be easily inserted due to its great sliding powers. It has excellent resistance to abrasion and breakage. It is ideal for the construction and repair of all windings that are subject to high mechanical dielectric of thermal resistance demands (slots and interphases).

CHARACTERISTICS

| PROPERTIES | 0,11 | 0,13 | 0,15 | 0,18 | 0,20 | 0,25 | 0,30 | 0,35 | 0,40 | 0,45 | 0,90 |
|----------------------------|-------|---------|-------|-------|-------|-------|---------|--------|--------|--------|-------------|
| Composition | 2-1-2 | 2-1,5-2 | 2-2-2 | 2-3-2 | 2-4-2 | 2-5-2 | 2-7,5-2 | 2-10-2 | 2-12-2 | 2-14-2 | 2-14-2-14-2 |
| Tolerance (%) | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 10 | 10 | 10 | 10 |
| Thickness PET | 23 | 36 | 50 | 75 | 100 | 125 | 190 | 250 | 300 | 350 | 2 x 350 |
| Weight (g/m ²) | 110 | 125 | 145 | 190 | 220 | 260 | 350 | 425 | 480 | 560 | 1100 |
| Tensile strength MD (N/cm) | 60 | 65 | 110 | 140 | 160 | 200 | 300 | 350 | 375 | 400 | 500 |
| Tensile strength CD (N/cm) | 40 | 50 | 90 | 105 | 120 | 150 | 200 | 300 | 325 | 350 | 400 |
| Elongation MD (%) | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Elongation TD (%) | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 40 |
| Breakdown Voltage (kV) | 4 | 5 | 6 | 7 | 9 | 10 | 15 | 18 | 20 | 22 | 26 |
| Thermal class | 155°C | | | | | | | | | | |

PACKAGE

Product in rolls: 90cm-1m in height, originally packed 50kg with the possibility of unwinding smaller quantities, dimensions 0.11 - 0.90mm.

On the customer's request, it is possible to deliver cut products to appropriate dimensions. The cutting tolerance is: ± 0.2 mm. In cases where the sum of the roll widths is lower than the standard coil width, any defects above 20 mm will be rolled and delivered with rollers. The standard inner diameter of the cardboard tubes is 70 mm.