



TTO MICA PHLOGOPITE TAPES

COMPOSITION:

The Material Phlogopite Glass Mica Tape consists of Phlogopite mica paper and is reinforced with alkali-free fiberglass cloth with a precise amount of special silicone resin adhesive in-between. Our tapes have exceptional high dielectric strength, great flexibility, high tensile strength and show outstanding high temperature resistance towards fire and flame.

These Tapes can be widely used for fire resistant cables, flame retardant cables and high temperature resistant cable. This tape can resist temperatures of up to 950°C.

TECHNICAL DATA:

| | Weight g/m ² | Thickness mm | Mica Paper Content g/m ² | Fiber Glass Content g/m ² | Bonding Agent Content g/m ² | Tensile Strength N/cm | Dielectric Strength KV/layer |
|----------------|----------------------------|-----------------|---|--|--|-----------------------------|------------------------------------|
| TTO MICA 132 P | 132±11 | 0,08±0,02 | 80±5 | 32±2 | 20±3 | ≥ 120 | ≥ 2,0 |
| TTO MICA 148 P | 148±11 | 0,10±0,02 | 100±5 | 32±2 | 20±3 | ≥ 100 | ≥ 1,2 |
| TTO MICA 170 P | 170±11 | 0,12±0,02 | 120±5 | 32±2 | 20±3 | ≥ 120 | ≥ 1,2 |
| TTO MICA 192 P | 192±11 | 0,14±0,02 | 140±5 | 32±2 | 20±3 | ≥ 120 | ≥ 1,3 |
| TTO MICA 214 P | 214±11 | 0,16±0,02 | 160±5 | 32±2 | 22±3 | ≥ 120 | ≥ 1,3 |