

## TECHNICAL INFORMATIONS TUFQUIN TFT

### PRODUCT DESCRIPTION

Flexible insulation consisting of a polyester film (PETP) covered on both sides with inorganic TUFQUIN combined with an adhesive with high thermal stability. The insulation is characterized by high thermal conductivity and low water absorption. The product is UL E65007 certified.

### APPLICATION

Isolation used in motors and electric machines.

### CHARACTERISTICS

Film thickness	0,13	0,15	0,18	0,20	0,23	0,30	0,35	0,45
Weight g / m <sup>2</sup>	144	180	215	250	285	375	460	590
Yield m <sup>2</sup> /kg	6.94	5.56	4.65	4.00	3.51	2.66	2.17	1.69
Tensile strength MD	91	124	149	182	198	259	340	436
Tensile strength CD	68	123	159	184	292	417	432	639
Elongation MD	15	15	15	15	20	20	20	20
Elongation TD	20	20	20	20	25	25	25	25
Breakdown Voltage	6	8	10	12	14	18	20	22
Thermal class	H (180°C)							

### PACKAGE

Product in rolls: 90cm-1m in height, originally packed 50kg with the possibility of unwinding smaller quantities, dimensions 0.13 - 0.45mm.

On the customer's request, it is possible to deliver cut products to appropriate dimensions. The minimum order is 50kg. 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.