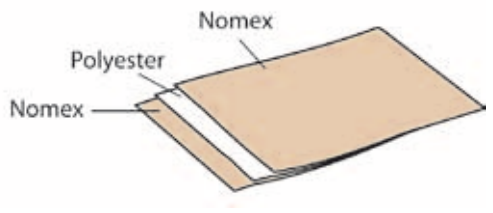
ARAMID PAPER AND POLYESTER FLEXIBLE LAMINATES
Type DYTERM N2D

Documentation



Dyterm N2D (NMN)

Application

DyTerm® insulating products derive from the coupling of Nomex® aramid paper with polyester films. Nomex® layers stick firmly to the plastic films by appropriate adhesives.

Properties

DyTerm® laminates are suitable for use in electrical appliances with working temperatures up to 180°C.

Applications

DyTerm® laminates are a highly performing solution for the insulation of electric motors, transformers and electrical machines. In rotating machines, DyTerm® is used in slot closure and insulation, as well as to separate phases on the heads of the windings. In transformers and electrical static equipments, DyTerm® is used as interlay insulating material.

Technical data

Beige - Class H : 180° C continuous service

Totale thickness	Film thickness	Yield	Weight	Tensile strenght	Elongation	Breakdown voltage
mm	***µ***	***m²/kg***	***g/m²***	***N/cm***	***%***	***kV***
0,20	23	5,41	185	160	15	7
0,22	50	4,55	220	170	15	9
0,25	75	3,92	255	190	15	12
0,30	125	3,08	325	270	15	15
0,36	190	2,38	420	320	20	20